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(12) 公開特許公報 (A)

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特開2003-118210

(P2003-118210A)

(43) 公開日 平成15年4月23日 (2003.4.23)

(51) Int.Cl. <sup>7</sup>	識別記号	F I	テームト* (参考)
B 4 1 J 29/38		B 4 1 J 29/38	Z 2 C 0 6 1
21/00		21/00	Z 2 C 0 8 7
G 0 6 F 3/12		G 0 6 F 3/12	Z 5 B 0 2 1
H 0 4 N 1/00	1 0 7	H 0 4 N 1/00	1 0 7 Z 5 C 0 5 2
5/76		5/76	E 5 C 0 5 3

審査請求 未請求 請求項の数 5 O L (全 13 頁) 最終頁に続く

(21) 出願番号 特願2001-315242(P2001-315242)

(22) 出願日 平成13年10月12日 (2001.10.12)

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弁理士 北村 修一郎

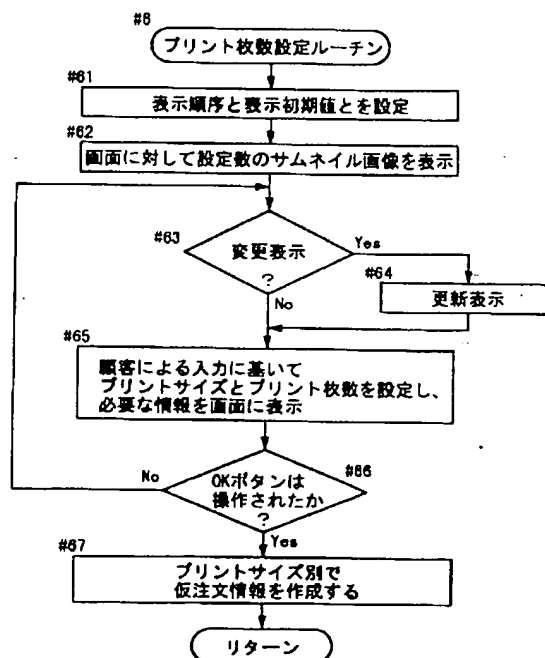
最終頁に続く

(54) 【発明の名称】 デジタル画像受付装置

(57) 【要約】

【課題】種々のプリントサイズでのプリント注文の際にユーザフレンドリーとなる注文入力処理機能を備えたデジタル画像受付装置の提供。

【解決手段】顧客によって投入された記憶媒体から画像情報を読出す媒体ドライブと、この媒体ドライブで読出した複数の画像情報の画像をディスプレイにサムネイル画像形式で表示させるために前記画像情報を処理する画像情報処理部と、顧客が前記ディスプレイに表示された画像に対してプリント注文を入力する注文入力処理を実行するとともにこの注文入力処理結果に基づいて注文情報を作成する注文情報処理部とを備え、前記注文入力処理において前記ディスプレイに表示された画像毎に注文すべきプリントサイズ及びプリント枚数の設定及び変更が可能であるデジタル画像受付装置。



36/9,K/2 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

9/96

04536689 Supplier Number: 46665994 (THIS IS THE FULLTEXT)  
Net Gains

Photographic Trade News, pl  
Sept, 1996  
ISSN: 1053-8968  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1204  
TEXT:

Photofinishers Shoot the Curl in Cyberspace

Jerry O'Neill

If your customers read WIRED magazine, they've been pestering you about the latest digital revolution designed to make a retailer's life 'interesting' - delivering photofinishing via the **Internet**, a/k/a the **World Wide Web (WWW)**.

What's it all about? It's real, but it's still in its early stages. That means if you get into it now, you'll be a pioneer, and you'll get arrows in your back! But if you wait, you may lose out to the competitor across the street - or across the **Web**.

What's happening is that consumers are finding uses for what photographers call 'low-res' **images** - **images** that are stored as pretty small **digital** files. They're finding these **images** are plenty good enough to drop into desktop-published newsletters and homemade greeting cards, to **send** along with e-mail messages to their friends and coworkers, and to use as computer screensavers. Who wouldn't prefer having their monitor show their baby or grandchild, or their golden retriever or MG-B, instead of flying toasters or robot fish?

And because these small **digital image** files can be sent quickly via the Net and e-mail, they make it practical for finishers to process the customer's film, scan-in the negatives, and instantly **send** the pictures to the customer's Net address.

How small is small? We're talking about digital photographs as small as about 10,000 bytes of data (10 kilobytes - kb), compared with 18,000,000 bytes for a full Photo CD picture (18 megabytes - Mb). The quality of **digital images** gets poorer as the number of pixels gets smaller - just as in conventional photography the quality suffers as the negative gets smaller. However, there is some magic available to improve how digital pictures look that you can't do with negatives.

Putting it another way, in digital photography the equivalent of a disc-camera photo can look pretty good!

A 10 kb **digital image** can be good enough for a screensaver, or a modest-size image on a **Web** page - in other words, for viewing on a monitor screen, and probably not even at full-screen size.

As for 100 kb **images**, these are still small - small enough to **send** via the Net or to store in a 'slideshow' on a floppy disk. If you have professional photographer customers, they might tell you to forget about pictures as small as 100 kb. But these **images** can make surprisingly good **prints**, even 8x10s, when printed with good software, on a good **printer**, by people who know what they're doing.

I saw an impressive demo of this while talking with Floppy Shots and PictureVision. Judy Mezzullo, executive vice president for sales and marketing at Floppy Shots, and Phil Garfinkle, president of PictureVision, told me the two companies are working together now to provide finishers and retailers with next-generation photofinishing services - scanning and digitizing consumers' photos, putting them onto Floppy Shots disks and uploading the image files to the **Internet** for consumers to view, retrieve and place reorders.

Judy showed me a comparison of 8x10 enlargements made from **digital image** files as small as 100 kb or even 80 kb - that's only about 1/200 the size of a **Photo CD image**. Some of the **prints** were made by first using the **digital** file to produce a 35mm negative on a film recorder, then enlarging the negative; other prints were made directly on digital printers.

The amazing thing was, in each set of 8x10s, all the prints were practically identical, and I didn't stand a chance of choosing which print was made from which size file. (To make me feel better, it turns out almost

JP 2003/118210 A  
4/2003

0

DERWENT-ACC-NO: 2003-377717

DERWENT-WEEK: 200336

COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Digital image receiver for network printing system, sets  
up print size and number of sheets to be printed, based  
on print order received in response to display of  
thumbnail image

PATENT-ASSIGNEE: NORITSU KOKI CO LTD[NORIN]

PRIORITY-DATA: 2001JP-0315242 (October 12, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2003118210 A	April 23, 2003	N/A	013	B41J 029/38

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP2003118210A	N/A	2001JP-0315242	October 12, 2001

INT-CL (IPC): B41J021/00, B41J029/38, G06F003/12, H04N001/00,  
H04N005/76, H04N005/907, H04N005/91

ABSTRACTED-PUB-NO: JP2003118210A

BASIC-ABSTRACT:

NOVELTY - An image processor (22) processes an image received from a customer, and displays it in a thumbnail image format in an image display (12). A data processor (24) produces order information, based on the print order input by the customer in response to the displayed image. Accordingly, a printer controller sets up print size, and number of sheets to be printed.

USE - For network printing system.

ADVANTAGE - Enables to set up the desired print size and number of sheets to be printed simultaneously, by viewing the displayed thumbnail image.

DESCRIPTION OF DRAWING(S) - The figure shows a functional block diagram of a controller of the digital image receiver. (Drawing includes non-English language text).

image display 12

image processor 22

data processor 24

nobody who sees the prints can tell.)

In silver-halide photography terms, that would be like shooting negatives of the same subject on 8x10 and 35mm, then making prints that are matched for color and density - and not being able to tell which is which.

But with **digital images**, smart software can re-create the missing pixels. This means that online photofinishers don't necessarily have to work from customer's negatives. Instead, you could work from small **image files**, which are cheap to produce, easy to store and retrieve and fast to **send** on the **Internet**. And the prints you make from those small files can still look good!

#### Online Processing

Let's walk through this step by step. Joe Customer gives you his roll of film and you run it through C-41 and print it as usual. But then you scan either the negatives or the **prints**, which gives you a **digitized image** of each picture in the roll. There are scan-and-**digitize** systems ranging from low-cost manual setups for handling just a few rolls a day all the way up to high-speed, large volume equipment.

Then you upload Joe's digitized images to your site on the Internet's World Wide Web - your own Web address would be something like www.yourlab.com. And you send Joe an e-mail message saying, 'Your photos are ready!'

From wherever he happens to be, Joe logs on to your Web site and types in his receipt number and password. Bingo! Up on his computer screen comes the online equivalent of an index print, showing miniature 'thumbnail images' of all the pictures in the roll. For each picture, Joe can download the digital image file into his computer, so he can use it in his word processor and print it out on his desktop printer. Just as easily, he can e-mail the image file to his friends. And he can write a caption for each photo, either a brief note or a long, detailed description, and the caption will stay attached to the digital image.

Best of all, from your point of view, he can order prints and enlargements. For each shot he likes, he just clicks on that thumbnail image and in a few seconds the photo appears on his screen, postcard-size.

When he's sure it's the one he wants, he types in his reprint order. Nobody has enough experience yet to know how much of a jump there will be in reprint and enlargement orders, but some experts expect online customers to order two times as many reprints or even more.

It's here now - pretty much

The overall picture for online photofinishing looks promising. It's in its infancy, so you can count on the details changing - even between the time I write this and the time you read it a few weeks later. But you CAN get into online finishing today. After all, when Joe and Jane Customer come up to your finishing counter and ask for **Internet** service, you want to say, 'Yes, we can do that.'

Because online delivery is a nice add-on sale that can bring you extra profits just like the add-ons you're used to - reprints, enlargements, poster **prints** and **photo** novelties like **photo** T-shirts, key chains and mugs.

Independent dealers and minilabs can get started by using companies like Floppy Shots and PictureVision, or a wholesale finisher - probably including the wholesaler you're already using for outlab services. Judy Mezzullo at Floppy Shots says, 'Our system is commercially available today. Anyone who wants details should give us a call.'

So, to get more information, call the sources: Floppy Shots, 800-226-6490 or 703-356-9858; PictureVision, 703-421-7000.

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PUBLISHER NAME: Cygnus Publishing

EVENT NAMES: \*240 (Marketing procedures)

GEOGRAPHIC NAMES: \*1USA (United States)

PRODUCT NAMES: \*3860000 (Photographic Equip & Supplies); 5946000 (Camera & Photo Supply Stores)

INDUSTRY NAMES: ARTS (Arts and Entertainment); BUSN (Any type of business)

*e-mail*



JP 2001/339557 A  
12/2001

9/863,476

Foreign

(N)

PAT-NO: JP02001339557A

DOCUMENT-IDENTIFIER: JP 2001339557 A

TITLE: PRINT ORDER ACCEPTING SYSTEM AND METHOD

✓ PUBN-DATE: December 7, 2001

INVENTOR-INFORMATION:

NAME	COUNTRY
ARAGAI, YASUHIRO	N/A

ASSIGNEE-INFORMATION:

NAME	COUNTRY
FUJI PHOTO FILM CO LTD	N/A

APPL-NO: JP2000160738

APPL-DATE: May 30, 2000

INT-CL (IPC): H04N001/00, B41J021/00, B41J029/38, G03B027/46, G06T003/00  
, H04N001/387

ABSTRACT:

**PROBLEM TO BE SOLVED:** To provide an ordering system and method by which a user can confirm print ordering contents based on a digital image at any time after placing an order.

**SOLUTION:** An order accepting unit 1 receives digital image data and order information, transmits the data and information to an image printer 3, and is installed on a shop, for example. The image printer 3 is a printer that can print out photo prints on the basis of the digital image data with high image quality at a high speed and the printer 3 is installed in a large-scale DPE shop and a lab or the like. A receipt printer 2 prints out a receipt denoting contents of print order acceptance and also has a function of printing out a thumbnail image of an image whose order is accepted.

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特開2001-339557

(P2001-339557A)

(43) 公開日 平成13年12月7日 (2001.12.7)

(51) Int.Cl. <sup>7</sup>	識別記号	F I	テームコード <sup>*</sup> (参考)
H 0 4 N 1/00		H 0 4 N 1/00	C 2 C 0 6 1
B 4 1 J 21/00		B 4 1 J 21/00	Z 2 C 0 8 7
	29/38		Z 2 H 1 0 6
G 0 3 B 27/46		G 0 3 B 27/46	B 5 B 0 5 7
G 0 6 T 3/00	3 0 0	G 0 6 T 3/00	3 0 0 5 C 0 6 2

審査請求 未請求 請求項の数11 OL (全 6 頁) 最終頁に続く

(21) 出願番号 特願2000-160738(P2000-160738)

(22) 出願日 平成12年5月30日 (2000.5.30)

(71) 出願人 000005201

富士写真フイルム株式会社

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(74) 代理人 100105647

弁理士 小栗 昌平 (外4名)

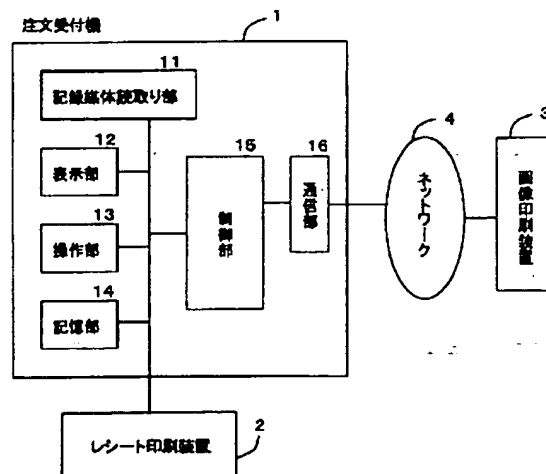
最終頁に続く

(54) 【発明の名称】 印刷注文受付システム及び方法

(57) 【要約】

【課題】 デジタル画像に基づくプリント注文内容を、注文後いつでも確認できる注文システム及び方法を提供する。

【解決手段】 注文受付機1は、デジタル画像データ及び注文情報を受け入れ、画像印刷装置3に伝送するものであり、例えば店頭に設置される。画像印刷装置3は、デジタル画像データに基づく写真プリントを、高画質で高速に印刷可能な印刷装置であり、大規模DPE店、ラボ等に設置される。レシート印刷装置2は、プリント注文受付内容を示すレシートを印刷するものであり、注文内容及び注文を受け付けた画像のサムネイル画像を印刷する機能を有するものである。



Set	Items	Description
S1	898	AU=(KIM S? OR KIM, S?)
S2	3326373	IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? - OR PHOTOGRAPH?
S3	245086	POS OR POINT(1W)SALE OR PAYPHONE? OR PAY()PHONE?
S4	467195	RECEIPT? OR INVOICE?
S5	2875205	PRINT? OR INDICIA? OR IMPRESS? OR IMPRINT? OR INSCRIBE? OR INSCRIPT?
S6	4871856	UPLOAD? OR DOWNLOAD? OR TRANSFER? OR TRANSMI? OR SENT OR S- END? OR STORING
S7	104500	S2(3N)S6
S8	216	S3(S)S7
S9	0	S1 AND S7
S10	85192	S2(3N)S5
S11	7677	S10(5N)(PRODUCT? ? OR GOODS OR ITEM? ? OR MERCHANDI? OR TH- UMBNAI? OR THUMB()NAIL? ?)
S12	86	S11(S)(S3 OR TERMINAL? ? OR CHECKOUT? OR CHECK()OUT)
S13	133631	S2(2N)(DIGITAL? OR ELECTRONIC?)
S14	13236	S6(5N)S13
S15	2624	S14(15N)(INTERNET OR LAN OR INTRANET OR WEB? OR HOMEPAGE OR SERVER? ?)
S16	42	S15(S)(S3 OR S4 OR TERMINAL? OR CHECKOUT? OR CHECK()OUT)
S17	341	S8 OR S12 OR S16
S18	280	S17 NOT PY>2001
S19	247	S18 NOT PD=20010217:20031007
S20	160	RD (unique items)

? show file

File 9:Business & Industry(R) Jul/1994-2003/Oct 06  
(c) 2003 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2003/Oct 07  
(c) 2003 ProQuest Info&Learning

File 16:Gale Group PROMT(R) 1990-2003/Oct 03  
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File 148:Gale Group Trade & Industry DB 1976-2003/Oct 07  
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File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2003/Oct 06  
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File 621:Gale Group New Prod.Annou.(R) 1985-2003/Oct 07  
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File 636:Gale Group Newsletter DB(TM) 1987-2003/Oct 06  
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File 635:Business Dateline(R) 1985-2003/Oct 07  
(c) 2003 ProQuest Info&Learning

File 570:Gale Group MARS(R) 1984-2003/Oct 07  
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20/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2958943 Supplier Number: 02958943 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Dealers Give Furniture Ads Punch**  
(Furniture manufacturers team with local dealers to reach broader audience at lower cost; Berkline to offer national sweepstakes and sale in first quarter 2001)  
HFN, v 74, n 43, p 61  
October 30, 2000  
DOCUMENT TYPE: Journal ISSN: 1082-0310 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 738

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...brand loges, and create templates for their own brochures, ads and mailings. They can also **check out** Lexington's corporate advertising schedules or **print out a product image** for a shopper to take home.

"It saves a lot of time and money," said...

20/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2888800 Supplier Number: 02888800 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Online pro services vs. traditional photo labs: Part 2 of 2**  
(Internet pro service photo finishing labs, like Portraits Online.com and Marathon Internet Services, are competing against traditional photo labs for business from professional photographers)  
Photo Marketing, v 75, n 8, p 56+  
August 2000  
DOCUMENT TYPE: Journal ISSN: 0031-8531 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1779

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...and online storage service targeted specifically for digital imaging professionals. The site enables customers to **upload digital images** via the **Internet** and have them printed on photographic printers. The market is commercial users of photographic prints...

...50-by-90 inches. Customers include professionals in aerial photography, architecture, engineering, trade show and **point of sale** graphics, as well as Fortune 1000 corporations. The service is beta testing now and scheduled...

20/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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2151811 Supplier Number: 02151811  
**Distributing data**

(The digital enhanced cordless telecommunications (DECT) standard is slowly being used to send data, pictures and maybe soon, the Internet; the number of DECT handsets in use is set to rise to 30 mil units by 2000)

Mobile & Cellular Magazine, p 11

May 1998

DOCUMENT TYPE: Journal ISSN: 1351-6515 (United Kingdom)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...is slowly developing into more than a cordless voice standard, with it being used to **send** data, **pictures** and maybe soon, the Internet. The number of DECT handsets in use is set to...

...in 1997 and 5 mil units in 1996. In addition, Urmec (Italy) has introduced a **POS** card processing terminal which uses DECT to transmit details to and from a central station...

20/3,K/4 (Item 4 from file: 9)

DIALOG(R)File 9:Business & Industry(R)

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2144216 Supplier Number: 02144216 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Top 50 Color Digital Printers: 1-25

(A table ranks the top 25 color on-demand printer providers in the US; information includes total annual sales, with Quebecor Printing (USA) recording sales of \$2,205,399,000)

Printing Impressions, v 40, n 12, p 40+

May 1998

DOCUMENT TYPE: Journal; Ranking ISSN: 0032-860x (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1569

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...catalog covers with variable data and images.

Other Capabilities/Services: Digital asset management; Digital file **transfer** ; **Digital photography** ; Distribute-then-Print; Distribution and fulfillment; **Internet /WWW Server** ; Large-format output; Remote proofing

2 ZBR Publications

Haverhill, MA

(978) 469-7500

Total Annual...

...DI (2); Indigo

E-Print 1000+ (5)

Other Capabilities/Services: Digital asset management; Digital file **transfer** ; **Digital photography** ; Distribute-then-Print; Distribution and fulfillment; **Internet /WWW Server** ; Large-format output

7 Prime Mover

Irvine, CA

(714) 251-8771

Total Annual Sales: \$7...

...V (2)

Initial Device Installation: 1/95

Other Capabilities/Services: Digital asset management; Digital file **transfer** ; **Digital photography** ; Distribute-then-Print; **Internet /WWW**

**Server** ; Large-format output; Remote proofing  
12 NetPub Corp.  
Poughkeepsie, NY  
(914) 463-1100  
Total Annual...Devices: Indigo E-Print 1000+ (1)  
Initial Device Installation: 1/95  
Products Produced: Corporate collateral, **POS** , reference guides  
Other Capabilities/Services: Digital asset management; Digital file  
**transfer** ; **Digital photography** ; Distribute-then-Print; Distribution  
and fulfillment; **Internet /WWW Server** ; Large-format output  
18 Ed Garvey & Co.  
Niles, IL  
(847) 647-1900  
Total Annual Sales...

...Products Produced: Brochures, data sheets, direct mail, posters,  
invitations, labels  
Other Capabilities/Services: Digital file **transfer** ; Digital  
**photography**  
22 K/P Corp.  
San Francisco, CA  
(415) 676-3738  
Total Annual Sales: \$2,000...

**20/3,K/5 (Item 5 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
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2114527 Supplier Number: 02114527  
**Mitsubishi to Increase Image Information Devices Projects to 200 Billion  
Yen by 2000**  
**(Mitsubishi Electric plans to double the value of its sales of PC monitors,  
plasma displays, printers and other image information-related products to  
Yen200 bil by the year 2000)**  
Dempa Shimbun, p 1  
April 08, 1998  
DOCUMENT TYPE: Journal (Japan)  
LANGUAGE: Japanese RECORD TYPE: Abstract

ABSTRACT:  
Mitsubishi Electric plans to double the worth of its sales of PC monitors,  
plasma displays, **printers** and other **image** information-related **products**  
to 200 billion yen by the year 2000. Despite the harsh climate last year,  
those...

...is sales of 500 billion yen annually. It holds a 30% domestic share in  
CRT **terminals** .

**20/3,K/6 (Item 6 from file: 9)**  
DIALOG(R)File 9:Business & Industry(R)  
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2024028 Supplier Number: 02024028 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Prescriptives Is Powering Up**  
**(Prescriptives to invest \$3 mil in national print campaign in the US for  
its makeup category; takes new approach in ads)**  
Women's Wear Daily, v 174, n 107, p 8  
December 05, 1997

DOCUMENT TYPE: Journal ISSN: 0149-5380 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1417

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...sales of \$15 million in the first 12 months. The scent will be backed by **print** advertising featuring **photographs** of the **product**, and a number of **point -of- sale** activities. "We're a rule-breaking company with an untraditional fragrance approach," explained Hertzmark "We...

20/3,K/7 (Item 7 from file: 9)

DIALOG(R)File 9:Business & Industry(R)  
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1968480 Supplier Number: 01968480

**NTT develops public phones that make multimedia connections**  
**(Nippon Telegraph & Telephone to begin installing public telephones with**  
**e-mail and digital-camera image transmission capabilities)**

Nikkei Weekly, v 35, n 1,795, p 9

October 13, 1997

DOCUMENT TYPE: Journal ISSN: 1060-3506 (Japan)

LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:

...Telegraph & Telephone Corp (NTT) (Japan) has developed a multimedia public telephone that permits users to **transmit** E-mail and **digital** camera **images** as well as make telephone calls. **Internet** service providers under contract with NTT will provide users with special integrated circuit cards with their e-mail addresses and passwords to insert in the Combase **terminals**.

NTT hopes to install over 100,000 Combase terminals per year in Japan. At present...

20/3,K/8 (Item 8 from file: 9)

DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

1771036 Supplier Number: 01771036

**32Kbit/Second Transmissions to Start in April**

**(On 4/1/97, Astel Tokyo will begin offering a "heavy user discount service"**  
**to those consumers with two or more PHSs)**

Nikkei Sangyo Shimbun, p N/A

March 11, 1997

DOCUMENT TYPE: Business Newspaper (Japan)

LANGUAGE: Japanese RECORD TYPE: Abstract

ABSTRACT:

...Communications Network held a demonstration show, the 32K Experience Fair, in Akihabara. The demonstration exhibited **Internet** connections, **digital** camera **image** **transmissions**, and communications karaoke. On April 1, Astel Tokyo will begin offering a "heavy user discount...

...for those users will be 2,200 yen, 500 yen cheaper, and communications between the **terminals** will be discounted 20%.

...

20/3,K/9 (Item 9 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1684180 Supplier Number: 01684180  
**Digital images on range of materials**  
**(Xerox Engineering Systems introduces Xerox 8954 DS to transfer electronic images onto different substrates)**  
PrintWeek, p 20  
December 13, 1996  
DOCUMENT TYPE: Journal (United Kingdom)  
LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT:  
...Xerox 8954 DS, designed for producing promotional and point-of-sale (POS) material. The product **transfers** electronic **images** onto different substrates, such as plastics, ceramic tiles, and polyester fabrics, using a heat press...

20/3,K/10 (Item 10 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1448174 Supplier Number: 01448174 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Galla's success is unreal**  
**(UK packaging concern Galla has invested over UKPd750,000 into patented process combining digital printing/mfg equipment to convert printed material into 3D)**  
Packaging Week, v 11, n 40, p 33  
March 28, 1996  
DOCUMENT TYPE: Journal ISSN: 0276-6117 (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 777

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:  
...the packs are used not just to give an accurate impression of what the finished **item** will look like, but for **photography** for **printed** advertisements and **point -of- sale** material, and even for filming television adverts.

The secret lies in a patented process which...

20/3,K/11 (Item 11 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1363283 Supplier Number: 01363283  
**NTT to Support Infrared Communications Technology**  
**(NTT will support standardization of the infrared communications technology called TVIQ)**  
Nihon Keizai Shimbun, p N/A  
December 19, 1995  
DOCUMENT TYPE: Business Newspaper (Japan)  
LANGUAGE: Japanese RECORD TYPE: Abstract



ABSTRACT:

...printed material with a finger like a remote control, sending an infrared signal to the **terminal** surface which calls up visual data. NTT will work to research applications with PC and home appliance makers, and develop application software. An example would be pressing a **picture** in a **printed product** catalog to call up visual data about the product from a CD-ROM or other...

20/3,K/12 (Item 12 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

1299309 Supplier Number: 01299309 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Transportation Transformation**  
(Hygrade Distribution and Delivery Systems Inc is finishing installation of a \$5 mil information system for online ordering)  
Information Week, n 547, p 46+  
October 02, 1995  
DOCUMENT TYPE: Journal ISSN: 8750-6874 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1410

ABSTRACT:

...The PCs contain 28.8-Kbps modems and a 2.5 GB hard drive for **storing images** of 1,500 pieces of furniture. The online access is through the retailers' **point -of- sale** systems. Hygrade uses the IBM's Advantis network and a customized version of IBM's...

20/3,K/13 (Item 13 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1196833 Supplier Number: 01196833 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Japan Business Show '95 - Transmitter For Digital Camera**  
(Fuji Film's new handheld HT-200 Handy Transmitter, part of its Digital Still Camera system, transmits images over telephone lines)  
Newsbytes News Network, p N/A  
May 19, 1995  
DOCUMENT TYPE: Journal (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 255

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...Image Memory Cards which the Tokyo-based company's Digital Card Camera uses to store **images** .

The **transmitter** is connected to the closest telephone, whether that be a cellular or **pay phone** , the user selects the frames to be transmitted, dials the number and presses start. Receiving...

20/3,K/14 (Item 14 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1165799 Supplier Number: 01165799 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**ALPHAMERIC WINS SIEMENS NIXDORF AS CUSTOMER FOR VIEWPOINT SYSTEM**  
(Siemens Nixdorf Information Systems has become a customer for AlphaServ's  
ViewPoint satellite-based system for delivering multimedia information)  
Computergram International, n 2640, p N/A  
April 07, 1995  
DOCUMENT TYPE: Newsletter ISSN: 0268-716X (United Kingdom)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 206

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...receiving personal computer, with a satellite receiver and ViewPoint  
playback board, and from there the **transmitted images** and sound can be  
piped to televisions, computers, **point of sale** terminals or interactive  
terminals. AlphaServ says ViewPoint can also be used in staff training for  
...

20/3,K/15 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01679867 03-30857  
**Macy's takes a cue from grocery in E-Signage**  
Sender, Isabelle  
Chain Store Age v74n8 PP: 70 Aug 1998  
ISSN: 1087-0601 JRNL CODE: CSA  
WORD COUNT: 818

...TEXT: guns.

The systems have also cut deeply into embarrassing price discrepancies  
between marked prices and **POS** price files. The payback there is in  
consumer confidence. That, retailers say, is hard to put a price on.  
-Isabelle Sender

( Photograph Omitted)

Captioned as: ESLs are integrated into hangtags at this Macy's store in  
Monmouth...

20/3,K/16 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01571151 02-22140  
**HP's giant ATM**  
Hutheesing, Nikhil  
Forbes v161n3 PP: 96-98 Feb 9, 1998  
ISSN: 0015-6914 JRNL CODE: FBR  
WORD COUNT: 1258

...TEXT: fire up your browser on a convenient machine-a Pc, a cell phone,  
even a **pay phone** . Then you'd log on to your bank's Web site and run a  
smart...

... allowed to debit money from your account and credit it to your card.

Prestoyou've **downloaded** cash.

( **Photograph** Omitted)

Captioned as: HP's Glenn Osaka Needed for E-commerce: a way to move...

**20/3,K/17 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01118632 97-68026

**The next generation**

Schwartz, Susana

Insurance & Technology v20n10 PP: 24-28 Oct 1995

ISSN: 0892-8533 JRNL CODE: IIN

WORD COUNT: 2473

...TEXT: the compression algorithms of ISDN and other up- and-coming technologies will enable insurers to **send images** and voice directly to insureds homes at the initial **point of sale** . Either the technology will become so prevalent that everyone will be able to afford it...

**20/3,K/18 (Item 4 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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01101667 97-51061

**Finding where and when consumers shop**

Talmadge, Candace

Chain Store Age v71n10 PP: 118-120 Oct 1995

ISSN: 0193-1199 JRNL CODE: CSA

WORD COUNT: 1060

...ABSTRACT: is installed above the mall or store entrance to be monitored. The camera's visual **image** information is **transferred** to the entrance processor (EP). Using heat-sensing technology, the EP is able to track...

... the information. Traffic data form the EP can also be integrated into a store's **POS** system for in-depth sales conversion analysis. Mall operators are finding that the information they...

**20/3,K/19 (Item 5 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00908110 95-57502

**Dial M for multimedia**

Bird, Jane

Management Today PP: 50-53 Jul 1994

ISSN: 0025-1925 JRNL CODE: MTO

WORD COUNT: 2882

...TEXT: up to date,' says Platt. 'Details of policies will also be transmitted directly from the **point of sale** to the relevant insurance company.' In addition, Platt's staff will use multimedia terminals in...

... engineer will be able to walk around the damaged vehicle with a

camcorder and the **image transferred** directly to the assessor's desktop screen.'

Platt has been planning the multimedia kiosks for...

**20/3,K/20 (Item 6 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00840187 94-89579

**Little banks, big bang**

Bosco, Pearl

Bank Systems & Technology v31n3 PP: 52-58 Mar 1994

ISSN: 1045-9472 JRNL CODE: BSE

WORD COUNT: 2088

...TEXT: to "Check Out Our Image" were one effective element of an aggressive marketing plan, which included **sending** each customer an **image** statement on Walker's account and catering lunches for CPAs and lawyers. Still taking cues...

... his customers, Walker signed contracts for two more products this February. First National now offers **point -of- sale** Visa debit cards: 'It's a lot easier to carry a card than a checkbook...

**20/3,K/21 (Item 7 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00809361 94-58753

**Branch automation: Technology redefines CU branching**

Anonymous

Credit Union Magazine v60n1 PP: 53-55 Jan 1994

ISSN: 0011-1066 JRNL CODE: CUG

...ABSTRACT: and other tools will change credit union branches from mainly cash-and-deposit facilities to **point -of- sale** outlets. Technology is changing the concept of branching. Twenty-four hour audio response lending systems...

... the best example of this so far. Beyond audio response, another branch automation challenge is **sending images** from the main office to branches faster and less expensively. When the electronic highway becomes...

**20/3,K/22 (Item 8 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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00756183 94-05575

**The heart of the system**

Anonymous

CFO: The Magazine for Senior Financial Executives v9n9 PP: 50 Sep 1993

ISSN: 8756-7113 JRNL CODE: CFO

WORD COUNT: 469

...TEXT: capability often augments it. A system may receive documents via fax. For example, suppliers sending **invoices** may dial into a fax line

that, instead of producing a paper duplicate, feeds an...

... original directly into a document handling device. Also, a system may use a fax to **send** **electronic** images , which would be reconstructed on paper by the receivers' fax machines.

**SERVER** . The **server** is the centralized computer that ties together the elements of a document management system, coordinating...

20/3,K/23 (Item 9 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00669506 93-18727

**Industry answers your tough questions**

Anonymous

Modern Office Technology v38n1 PP: 28-43 Jan 1993

ISSN: 0746-3839 JRNL CODE: MOP

WORD COUNT: 6932

...TEXT: to-LAN interconnect; distance learning, audio/video conferencing; call management; telecommuting, database access; screen sharing; **image transfer** ; file **transfer** ; **point -of- sale** credit card verification; desktop videoconferencing; computer-based training; joint editing and review; medical record tracking...

20/3,K/24 (Item 10 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00572208 91-46559

**The Carding of America**

Fink, Ronald

Bank Systems & Technology v28n9 PP: 72-76 Sep 1991

ISSN: 1045-9472 JRNL CODE: BSE

WORD COUNT: 2125

...ABSTRACT: and services. Visa's planned network improvements include Interlink and VisaNet 2000. Interlink is a **point -of- sale** ( **POS** ) network that will bypass Visa's telecom network entirely, resulting in faster transaction processing and reduced fees. VisaNet will include a fiber-optic communications network capable of **transmitting** data, voice, **image** , fax, and video between 4 "supercenters." MasterCard's Project Omni is a \$65-million plan...

20/3,K/25 (Item 11 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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00570382 91-44733

**Get the Picture, Reap the Profits**

Snyder, Glenn

Progressive Grocer v70n9 PP: 71-74 Sep 1991

ISSN: 0033-0787 JRNL CODE: PGR

WORD COUNT: 2563

...TEXT: that also has a happy element to it. Whatever, you can go way out

with **photo** promotion.

Some suggestions: **Send** coupons for enlargement, reprints and developing to new mothers, along with a congratulations card; have...

... the customer's picture) in ads; make your photoprocessing a storewide campaign with signs and **POS** all over the store, including the checkouts where checkers can wear appropriate badges and stuff...

**20/3,K/26 (Item 12 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00441876 89-13663

**Profiting from the 1990s: Ringing Up Returns**

Henricks, Mark

Venture v11n3 PP: 43-46 Mar 1989

ISSN: 0191-3530 JRNL CODE: VEN

...ABSTRACT: no time in founding Intellicall Inc. and introducing a computerized telephone for the emerging private **pay phone** industry. In the aftermath of deregulation, numerous entrepreneurs have built companies that provide specialized telephone...

... 30 million in 1987. Gerard Cullen and David Monroe envisioned a phone system that could **transmit** clear, high-resolution **pictures** of people, objects, and text. After 3 failed attempts, Image Data shipped its first Photophone...

**20/3,K/27 (Item 13 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00409685 88-26518

**Telefonica's Aggressive Agenda**

Williamson, John

Telephony v214n26 PP: 38-43 Jun 27, 1988

ISSN: 0040-2656 JRNL CODE: TPH

...ABSTRACT: and Venezuela, and his company plans to build factories in the USSR to produce telephones, **pay phones**, and rural communication systems. Telefonica also plans to make key telephone sets in Puerto Rico...

... old European PTTs in an attempt to normalize technical formulas used in voice, data, and **image transmission**. He states that the expansion of Spain's domestic telecommunications has served as a springboard...

**20/3,K/28 (Item 14 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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00108470 80-02325

**Do the French Have the End to Franking?**

Lloyd, Andrew

Systems International v7n10 PP: 11 Oct 1979

ISSN: 0309-1171 JRNL CODE: ISS

...ABSTRACT: the use of the printer as a hard copy output terminal for videotex systems, the **transmission** of half tone **images** , and encryption and decryption of outgoing and ingoing messages. One development in the electronic funds...

...for banks. Another is the installation of small networks enabling people to pay at the **point** of **sale** with a special card that automatically debits their bank account and transfers the money to...

**20/3,K/29 (Item 15 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

00048391 77-00696

**GROWTH OF THE AUTOMATED CLEARING HOUSE IN HOLLAND**

DALMIJN, W. J.

MAGAZINE OF BANK ADMINISTRATION V52 N12 PP: 24-29 DEC. 1976

ISSN: 0024-9823 JRNL CODE: BAD

...ABSTRACT: IN TERMS OF FUTURE DEVELOPMENTS, BGC IS PRESENTLY STUDYING THE FEASIBILITY OF UTILIZING CASH DISPENSERS, **POS** TERMINALS, **IMAGE** PROCESSING, AND DATA **TRANSMISSION** . IT IS ALSO CONSIDERING REPLACING THE GIRO ACCEPTANCE PUNCHED CARD WITH AN OPTICALLY READABLE DOCUMENT...

**20/3,K/30 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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08030308 Supplier Number: 66808965 (USE FORMAT 7 FOR FULLTEXT)

**DEALERS GIVE FURNITURE ADS PUNCH.**

Goldbogen, Jessica

HFN The Weekly Newspaper for the Home Furnishing Network, p61

Oct 30, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General Trade

Word Count: 821

... brand logos, and create templates for their own brochures, ads and mailings. They can also **check out** Lexington's corporate advertising schedules or **print out** a **product** image for a shopper to take home.

"It saves a lot of time and money," said...

**20/3,K/31 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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07808510 Supplier Number: 65077368 (USE FORMAT 7 FOR FULLTEXT)

**Internet-Access Software Integrated Onto DSP Modem Chip Set. (Technology Information) (Brief Article)**

GAWEL, RICHARD

Electronic Design, v48, n17, p158

August 21, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 151

... machine management and remote management of utility meters. Designers can employ it to connect electronic **point -of- sale** displays, **transfer images** from digital cameras, or print e-mails on fax machines. Remote control of air conditioning...

20/3,K/32 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07728025 Supplier Number: 64148152 (USE FORMAT 7 FOR FULLTEXT)

**Reading Between the Lines.**

Anderson, Alan  
Enterprise Systems Journal, v15, n8, p44  
August, 2000  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count: 1901

... the Java Virtual Machine (JVM) rather than Windows CE or another equally closed system, the @ **pos** .com device offers more flexibility, since connectivity, security and multimedia were built into the foundation of the language. Using this software, the device captures a **digital image** of the signature and **uploads** this information to the **server** , along with all the transaction information.

ReceiptCity's eReceiptSM service gives retailers a secure vault...

20/3,K/33 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07642862 Supplier Number: 63724477 (USE FORMAT 7 FOR FULLTEXT)  
**RDM CORP. ANNOUNCES EZCHECK SERVICES TO USE RDM PAYMENT ARCHIVE SERVICE.**

EFT Report, v23, n15, pNA  
July 26, 2000  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 196

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

...Delta Card Services. Under the agreement, RDM will supply its Payment Archive Service and EC5000i **point -of- sale** ( **POS** ) Image Scanners for EZCheck's electronic check conversion (ECC) and check guarantee services. EZCheck will...

...account through the Automated Clearing House (ACH) network. At the same time, the captured check **images** and data are **transmitted** to the RDM Payment Archive database, where the client information resides for later query and...

20/3,K/34 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07589213 Supplier Number: 63559752 (USE FORMAT 7 FOR FULLTEXT)  
**CVF Technologies Corporation's Holding, RDM Corporation, Announces EZCheck**



**Services to Use RDM Payment Archive Service.**

PR Newswire, p2577  
July 19, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 605

... market is experiencing explosive growth to meet the needs of merchants accepting checks at the **point -of- sale** . Currently, up to 18 billion checks per year are written at the **point -of- sale** in the U.S. ECC begins with a paper check presented to a merchant; with...

...account through the Automated Clearing House (ACH) network. At the same time, the captured check **images** and data are **transmitted** to the RDM Payment Archive database, where the client information resides for later query and...

20/3,K/35 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07588970 Supplier Number: 63555777 (USE FORMAT 7 FOR FULLTEXT)  
**RDM Corporation Announces EZCheck Services to Use RDM Payment Archive Service.**

PR Newswire, p2368  
July 19, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 524

... market is experiencing explosive growth to meet the needs of merchants accepting checks at the **point -of- sale** . Currently, up to 18 billion checks per year are written at the **point -of- sale** in the U.S. ECC begins with a paper check presented to a merchant; with...

...account through the Automated Clearing House (ACH) network. At the same time, the captured check **images** and data are **transmitted** to the RDM Payment Archive database, where the client information resides for later query and...

20/3,K/36 (Item 7 from file: 16)  
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07546368 Supplier Number: 63284201 (USE FORMAT 7 FOR FULLTEXT)  
**eDevice Announces SmartStack Internet-access Software for Analog Devices' DSP Modem Chipset; Development Paves Way for Next Generation Internet-Enabling Technology.**

Business Wire, p2210  
July 11, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 586

... equipment. Potential applications include vending machine management; remote management of utility meters; connection of electronic **point -of- sale** displays; **transfer** of **images** from digital cameras; printing of e-mails on fax machines; remote control of air conditioning...

20/3,K/37 (Item 8 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07524629 Supplier Number: 62798835 (USE FORMAT 7 FOR FULLTEXT)  
**Internet Appliance News.(home appliances) (Brief Article)**  
Appliance, v57, n6, p76  
June, 2000  
Language: English Record Type: Fulltext  
Article Type: Brief Article  
Document Type: Magazine/Journal; Trade  
Word Count: 808

... marketplace."  
Mr. Berrebi says potential applications of SmartStack technology include vending machine management; connection of **point -of- sale** devices; **transfer** of **images** from digital cameras; printing of emails on fax machines; remote control of air-conditioning, heating...

20/3,K/38 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07331753 Supplier Number: 62094655 (USE FORMAT 7 FOR FULLTEXT)  
**d-store.com, Sears, Roebuck & Co. and PhotoAccess.Com Broaden Digital Photography Consumer Awareness.**  
PR Newswire, p2628  
May 15, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 627

... consumers at the point of purchase." Sears will also promote the offer using in-store, **point -of- sale** materials as well as newspaper pre-prints advertising reaching 40 million consumers. The promotion will...  
...stores Customers have until July 31, 2000 to register at PhotoAccess.com to claim free **photo prints** and **merchandise** .  
About PhotoAccess  
Founded in 1997, PhotoAccess provides partner sites and consumers worldwide with the most...

20/3,K/39 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07313398 Supplier Number: 61994297 (USE FORMAT 7 FOR FULLTEXT)  
**Silicon Image's PanelLink Standardized On New All-in-one Computer.**  
Business Wire, p0196  
May 10, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 671

... promote a standard digital interface that would facilitate the move to quality digital viewing.

Silicon Image 's **transmitter** and receiver chips are used throughout IBM's Personal Systems Group to enable all-digital...

...IBM products utilizing PanelLink digital solutions include IBM's SurePoint(TM) solution and SurePOS(TM) **point -of- sale** products.

About Silicon Image, Inc.

Silicon Image, Inc. designs, develops and markets semiconductor solutions for...

**20/3,K/40 (Item 11 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07287629 Supplier Number: 61818327 (USE FORMAT 7 FOR FULLTEXT)  
**PhotoAccess Launches Retail and e-Tail Promotions to Reach Digital Photo Customers at the Point of Purchase; First Promotion Partners are Sears, Roebuck and Co. and d-store.com.**  
Business Wire, p0106  
May 1, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 987

... 2000, across its 860 full-line stores. Sears will promote the offer using in-store, **point -of- sale** materials as well as newspaper pre-prints reaching 40 million consumers. Customers have until July 31, 2000 to register at PhotoAccess.com to claim free **photo prints** and **merchandise**

"Sears is known for providing great value on products and services," said Chuck Cebuhar, vice...

**20/3,K/41 (Item 12 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07107623 Supplier Number: 59834963 (USE FORMAT 7 FOR FULLTEXT)  
**Memory Cards Enhance Digital Products.(Industry Trend or Event)**  
CHINNOCK, CHRIS  
Electronic Design, v48, n3, p60  
Feb 7, 2000  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count: 837

... a 64-Mbyte Memory Stick. Also, Sony has Memory Stick-based voice recorders, computers, digital **photo** frames, **printers**, camcorders, and cameras. Prototype **products** demonstrated at the show included a portable music server, memory pen, line scanner, cell phone, electronic book, GPS personal **terminal**, and a video viewer.

In a separate announcement, Lexar Media said it would develop high...

**20/3,K/42 (Item 13 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07042278 Supplier Number: 57559827 (USE FORMAT 7 FOR FULLTEXT)  
**Printer cleans out costs.(Clean-Rite's digital carton printer)**

Ennen, Steve  
Packaging Digest, v36, n10, p90(2)  
Sept, 1999  
Language: English . Record Type: Fulltext Abstract  
Document Type: Tabloid; Trade  
Word Count: 1153

... of producing the imaging film. Images can be produced on-site, at an operator's **terminal**, in a matter of minutes. The thermal imager outputs a high strength composite image film...

...can be output from the thermal imager attached to the printer. Clean-Rite will also **print** an **image** of the **product** on the cartons - which Morrison says can also help the pickers and store stockers - from...

**20/3,K/43 (Item 14 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06911185 Supplier Number: 58455921 (USE FORMAT 7 FOR FULLTEXT)  
**Dr. Trevor Marshall, Chairman and CEO of YARC Systems Corporation Featured on Interview with OTCInternetStocks.com.**  
Business Wire, p1197  
Jan 6, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 486

... YARC's proprietary version of Adobe Systems' "PostScript" Printer Description Language (PDL) is used to **transfer images** from a computer, over a network such as the Internet, to a printing engine. Any...

...YARC's RIPs for desktop printers, color copiers or the wide format printers that make **POS** display signage.

The version of LINUX that YARC has chosen is similar to Red Hat...

**20/3,K/44 (Item 15 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06862912 Supplier Number: 58183579 (USE FORMAT 7 FOR FULLTEXT)  
**YARC Clarifies Policy on Reporting Status and Earnings.**  
Business Wire, p0526  
Dec 13, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 478

... YARC's proprietary version of Adobe Systems' "PostScript" Printer Description Language (PDL) is used to **transfer images** from a computer, over a network such as the Internet, to a printing engine. Any...

...YARC's RIPs for desktop printers, color copiers or the wide format printers that make **POS** display signage.

YARC has placed its LINUX Color Server onto the Internet at <http://yarcxp...>

**20/3,K/45 (Item 16 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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06852203 Supplier Number: 58047964 (USE FORMAT 7 FOR FULLTEXT)

**YARC reveals details of its LINUX Color Server technology.**

Business Wire, p0002

Dec 7, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 792

... YARC's proprietary version of Adobe Systems' "PostScript" Printer Description Language (PDL) is used to **transfer images** from a computer, over a network such as the Internet, to a printing engine. Any...

...YARC's RIPs for desktop printers, color copiers, or the wide format printers that make **POS** display signage. YARC's E-Commerce Server is at <http://SecureShop.yarcrip.com/>.

At this...

**20/3,K/46 (Item 17 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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06669426 Supplier Number: 55377789 (USE FORMAT 7 FOR FULLTEXT)

**Key to SUCCESS?**

Printing World, p17

August 2, 1999

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1433

... enables large turnover growth with small staff numbers. We have continued growing ever since."

The **Printed Image** produces a range of promotional **items** such as leaflets, posters and **point of sale** display items, as well as tickets and coupons. Its MIS was bought to cope with...

**20/3,K/47 (Item 18 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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06645802 Supplier Number: 55785930 (USE FORMAT 7 FOR FULLTEXT)

**YARC's New Server Drives NovaJets at Full Production Speeds.**

Business Wire, p0122

Sept 20, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 594

... of Adobe System's (Nasdaq:ADBE) "PostScript" Printer Description Language (PDL), which is used to **transfer images** from a computer, over a network such as the Internet, to a printing engine. Any...

...YARC's RIPs for desktop printers, color copiers, or the wide format printers that make **POS** display signage.

YARC's XP Server is an open-architecture, plug-and-play, networked,

Postscript...

**20/3,K/48 (Item 19 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06596352 Supplier Number: 55584942 (USE FORMAT 7 FOR FULLTEXT)  
**YARC Completes Acquisition of QPIX.**  
Business Wire, pl156  
August 30, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 465

... of Adobe System's (Nasdaq:ADBE) "PostScript" Printer Description Language (PDL), which is used to **transfer images** from a computer, over a network such as the Internet, to a printing engine. Any...

...YARC's RIPs for desktop printers, color copiers, or the wide format printers that make **POS** display signage. YARC's E-Commerce Server is at <http://SecureShop.yarcrip.com/>  
DISCLAIMER  
Forward...

**20/3,K/49 (Item 20 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

06469448 Supplier Number: 55058859 (USE FORMAT 7 FOR FULLTEXT)  
**HOT MONTH; FROZENS ICED HIGH INCREASES IN DOLLAR SALES DURING A MONTH OF TORRID PROMOTIONS. (frozen food promotion and awards for supermarket marketing)**  
MURRAY, BARBARA  
Supermarket News, p33  
July 5, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1476

... prizes for its own local contest.  
Sign-up kits were shipped to stores and included **point -of- sale** materials that Supervalu purchased from the NFFA. Headquarters added a disposable camera to the packet, so that retailers could **photograph** their displays and **send** them in with contest entries.  
"If they sent pictures back, we sent [the frozen-food...

**20/3,K/50 (Item 21 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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06209174 Supplier Number: 54170077 (USE FORMAT 7 FOR FULLTEXT)  
**Vendor Using License Photos To Cut Fraud Faces Its Own Image Problem.**  
Debit Card News, pNA  
March 16, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1178

... is not an issue. "In some check applications, in fact, it takes less time" to **download** a **photo** to the **point** of **sale** than it does to obtain a transaction authorization, says Lorna D. Christi, Image Data vice ...

...check acceptance) and enters the license number into the system, where it is encrypted and **sent** to **Image** Data's central database. Image Data matches the license number against its records, and sends...

...is up to the clerk to take action as directed by merchant policy.

The photo **image** cannot be printed, **downloaded**, or kept at the **point** of **sale** for more than a few seconds, says Christi in describing True ID's built-in...

**20/3,K/51 (Item 22 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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05944038 Supplier Number: 53198784 (USE FORMAT 7 FOR FULLTEXT)

**TECHNOLOGY CORNER.**

EFT Report, v21, n22, pNA

Nov 4, 1998

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 501

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...declined to release terms of either deal. BASE24 software integrates services for automated teller machines, **point** of **sale**, remote banking and account information, and operates on Compaq [CPQ] Himalaya servers. (Gene Hinkle, ACI...

...s RemoteLink program. "In the past, customers had to travel to each ATM and manually **transfer** those **image** files from diskettes," says Robert Reho, a vice president at Canton, Ohio-based Diebold [DBD...

...terminal recently received approval for use by Europay International. The Level 1 approval means the **point** - of- **sale** terminal complies with international standards agreed on by Europay, MasterCard and Visa and will not...

...Alert, a software that identifies suspicious patterns in debit card usage at ATMs and the **point** of **sale**. TYME will offer the service free for one year. (James Martin, TYME, 414/355-0300.)

**20/3,K/52 (Item 23 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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05778465 Supplier Number: 50267030 (USE FORMAT 7 FOR FULLTEXT)

**Toshiba Group Restructures Copier Business to Advance Business and Take Advantage of Emerging Trends in Digitization.**

Business Wire, p8271007

August 27, 1998

Language: English Record Type: Fulltext

Article Type: Article

Document Type: Newswire; Trade  
Word Count: 578

... largest Toshiba Group companies, is active worldwide in three main sectors: retail information systems, including **POS** systems; household appliances, including lighting fixtures; and electronic imaging systems, where its main **products** are facsimiles, **printers** and **image** scanners. In 1994, TEC integrated Toshiba's facsimile and printer operations into its own, positioning...

20/3,K/53 (Item 24 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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05466704 Supplier Number: 48285274 (USE FORMAT 7 FOR FULLTEXT)  
**Counterpoint, the leader in IrDA infrared communications software, helps digital cameras go wireless with release of IrTran-P Add-In product.**  
Business Wire, p02100196  
Feb 10, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 593

... medium to send and receive pictures.  
"IrTran-P is the unifying software specification for IrDA **image transfer** applications" states Yuichiro "Tuck" Takagawa, executive manager, NTT Multimedia Business Department. "Image capture devices such...

...that's required is to point the devices at each other and then select what **picture** to **send** ." Devices using IrTran-P are already in the market, including NTT's installation of 150 IrDA/ISDN **payphones** for the Nagano Winter Olympic Games.

"Digital camera manufacturers are rapidly adopting infrared into their ...

20/3,K/54 (Item 25 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

05427506 Supplier Number: 48231443 (USE FORMAT 7 FOR FULLTEXT)  
**THREE MOBILE TELEPHONY GIANTS SEEK COMMON STANDARD**  
Tech Europe, n133, pN/A  
Jan 16, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 79

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...hope of devising and implementing a single Internet access protocol for mobile telephones and cordless **terminals** . The new company "Wireless Application Protocol Forum" (WAP Forum) will seek to devise a common standard acceptable to all computer and telephony manufacturers, covering access to the **Internet** and to advanced services such as cordless data and **image transmission** using **digital** technology.

20/3,K/55 (Item 26 from file: 16)



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05367378. Supplier Number: 48162606 (USE FORMAT 7 FOR FULLTEXT)

**PRESCRIPTIVES IS POWERING UP**

Aktar, Alev

WWD, v174, n109, p8

Dec 5, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1415

... sales of \$15 million in the first 12 months. The scent will be backed by **print** advertising featuring **photographs** of the **product**, and a number of **point -of- sale** activities. "We're a rule-breaking company with an untraditional fragrance approach," explained Hertzmark. "We...

**20/3,K/56 (Item 27 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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05110423 Supplier Number: 47802913 (USE FORMAT 7 FOR FULLTEXT)

**CITICORP, KODAK DEVELOP CARD ANTI-FRAUD SYSTEM**

Bank Systems + Technology, p016

July, 1997

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 336

... IVS consists of the compressed photo image of the cardholder; a decompression program in a **POS**, security or ID terminal; and a verification code. The system works as follows: A retail...

...magnetic stripe) displayed on a checkout terminal screen, and a randomly chosen segment of the **image** file is **sent** to the bank, along with the usual transaction data for verification. If that code doesn...

**20/3,K/57 (Item 28 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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04218168 Supplier Number: 46171715 (USE FORMAT 7 FOR FULLTEXT)

**OPTIKA'S NEW STRATEGIC ALLIANCE NETWORK PROGRAM COMMENCES WITH PC DOCS AGREEMENT**

News Release, pN/A

Feb 26, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 917

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...DOCS' environments," Doran added. Optika Teams With PC DOCS To Seamlessly Automate Business Processes Optika **products** consist of high-speed document **image** scanning, **printing**, faxing, high-capacity optical storage and computer output and workflow processing services; primarily targeted at...

...all of the documents produced in an enterprise by providing services such as check-in, **check - out** , revision control, generation management, storage management, and security. "The primary characteristics of each product provides...

20/3,K/58 (Item 29 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03867569 Supplier Number: 45552474 (USE FORMAT 7 FOR FULLTEXT)  
**Japan Business Show '95 - Transmitter For Digital Camera 05/19/95**  
Newsbytes, pN/A  
May 19, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; General Trade  
Word Count: 258

... Image Memory Cards which the Tokyo-based company's Digital Card Camera uses to store **images** .

The **transmitter** is connected to the closest telephone, whether that be a cellular or **pay phone** , the user selects the frames to be transmitted, dials the number and presses start. Receiving...

20/3,K/59 (Item 30 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03420068 Supplier Number: 44758831 (USE FORMAT 7 FOR FULLTEXT)  
**CEO INTERVIEW- RANDALL C. FOWLER, IDENTIX CORPORATION (IDX)**  
Wall Street Transcript Digest, v13, n11, pN/A  
June 13, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 325

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:

...law enforcement segment opened up in 1991 when the FBI approved the use of direct **transmission** of fingerprint **images** to the FBI files rather than hard copy through the mail. Pent-up demand among...

...applications, including automatic teller machines, Customs, Naturalization and Immigration applications, physical and computer security and **point of sale** terminals in Europe. In terms of company growth, the law enforcement products represent the greatest...

20/3,K/60 (Item 31 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02901018 Supplier Number: 43915182 (USE FORMAT 7 FOR FULLTEXT)  
**CITICORP**  
InformationWeek, p8  
June 21, 1993  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Tabloid; General Trade  
Word Count: 142

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...eye on the future, Citicorp has begun development of a computer imaging system that will **transmit** digitized **pictures** of customers from bank computers to **point -of- sale** terminals at merchant locations, according to chairman John Reed. The undertaking is part of the...

20/3,K/61 (Item 32 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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02896158 Supplier Number: 43908151

**Citicorp's Antifraud Plan: Digitized Customer Images**

American Banker, p1

June 17, 1993

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

...John S Reed. The system is expected to be installed within 10 years. It will **transmit** digitized **pictures** of customers from its computers to **point -of- sale** terminals of merchants. The cost of the system will be less than what is lost...

20/3,K/62 (Item 33 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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02832810 Supplier Number: 43809231

**Point-of-Sale Monitoring Downsizes for Small Venues**

Security, p27

May, 1993

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

...small retail stores are now offered smaller and less expensive cash register interface systems for **point -of- sale** exception monitoring. The most reliable method uses a 2-way camera installation. One camera is...

...being rung up, while the other camera focuses on the cash register and the product. **Images** are **sent** back to a split-screen monitor, and recorded for later viewing. Many retailers are now...

...and switcher allows larger retail operations to use multiple register monitoring. Gyyr (Anaheim, CA) offers **point -of- sale** ( **POS** ) devices either as stand-alone units or integrated into time lapse recorders. The **POS** systems can also display cashier long-on IDs. As a management tool, **POS** units can have the resulting video used for the training of new workers. Pelco's...

20/3,K/63 (Item 34 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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02577283 Supplier Number: 43422179 (USE FORMAT 7 FOR FULLTEXT)

**Computerized Space Management Planograms**

Aftermarket Business, p24

Nov 1, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Tabloid; Trade

Word Count: 1724

... were sent to each store so clerks could implement the corporate plan. Still later, actual **photographs** were taken and **sent** to the stores for use as guides in product positioning and to speed set-up...

...later that retailers began to question the wisdom of carrying all items in all categories. **Point -of- sale ( POS )** scanning was on the horizon.

During this period most stores carried the same products, and...

**20/3,K/64 (Item 35 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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02345019 Supplier Number: 43075433 (USE FORMAT 7 FOR FULLTEXT)

**Market for telecommunications equipment will grow to \$58.2 bil by 1996 from \$39 bil in 1991**

Common Carrier Week, pN/A

June 15, 1992

Language: English Record Type: Fulltext

Document Type: Newsletter; Professional Trade

Word Count: 272

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...all new personal computer models will "have some sort of capability to input, store, and **transmit** video **images** ," study said. (6) Independently owned public **pay phones** reached installed base of 225,000 and are projected to reach 340,000 by 1996...

**20/3,K/65 (Item 36 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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02339158 Supplier Number: 43067113 (USE FORMAT 7 FOR FULLTEXT)

**Market for telecommunications equipment to grow to \$58.2 billion by 1996**

Communications Daily, pN/A

June 10, 1992

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 272

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...all new personal computer models will "have some sort of capability to input, store, and **transmit** video **images** ," study said. (6) Independently owned public **pay phones** reached installed base of 225,000 and are projected to reach 340,000 by 1996...

**20/3,K/66 (Item 37 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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02066614 Supplier Number: 42671285 (USE FORMAT 7 FOR FULLTEXT)  
**KONICA PREVIEWS LP-3210 LASER PRINTER**

News Release, p1

Jan 16, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 609

... of Konica Corporation of Japan, a  
manufacturer and worldwide distributor of copiers, facsimile  
machines, laser **printers**, cameras, lenses, **photographic**  
films, audio  
and video **products**, industrial products and computer **terminal**  
equipment. In the United States, KONICA copiers, facsimile machines  
and laser printers are marketed through...

**20/3,K/67 (Item 38 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02066612 Supplier Number: 42671283 (USE FORMAT 7 FOR FULLTEXT)  
**KONICA INTRODUCES 2028 COPIER**

News Release, p1

Jan 16, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 448

... of Konica Corporation of Japan, a  
manufacturer and worldwide distributor of copiers, facsimile  
machines, laser **printers**, cameras, lenses, **photographic**  
films, audio  
and video **products**, industrial products and computer **terminal**  
equipment. In the United States, KONICA copiers, facsimile machines  
and laser printers are marketed through...

**20/3,K/68 (Item 39 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02066611 Supplier Number: 42671282 (USE FORMAT 7 FOR FULLTEXT)  
**KONICA INTRODUCES FAX 860L AND 865L PLAIN PAPER FACSIMILES**

News Release, p1

Jan 16, 1992

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 648

... of Konica Corporation of Japan, a  
manufacturer and worldwide distributor of copiers, facsimile  
machines, laser **printers**, cameras, lenses, **photographic**  
films, audio  
and video **products**, industrial products and computer **terminal**  
equipment. In the United States, KONICA copiers, facsimile machines  
and laser printers are marketed through...

**20/3,K/69 (Item 40 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01923917 Supplier Number: 42453274 (USE FORMAT 7 FOR FULLTEXT)  
**KONICA EXHIBITS PLAIN PAPER FAX MACHINES FAX 860L and FAX 865L**  
News Release, p1  
Oct 21, 1991  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 712

... subsidia of Konica Corporation of Japan, a  
manufacturer and distributor of copiers, facsimile machines,  
laser **printers**, cameras, lenses, **photographic** lms, audio and video  
**products**, industrial products and computer **terminal**  
equipment. In the  
United States, KONICA copiers, facsimile machines, and laser printers  
are marketed through...

**20/3,K/70 (Item 41 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01888366 Supplier Number: 42400369  
**With More Power, Visa Pushes POS**  
Bank Systems + Technology, p20  
Oct, 1991  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
Visa USA will heavily promote its **POS** debit card business via its  
'Backoffice 2000' program.. One of Visa's main goals is to increase usage  
of **POS** cards by health care firms. Backoffice 2000 would supply  
improvements to the system's authorization process, such as better ways of  
halting fraud and quicker draft retrieval and **image transmission**. The  
program is part of Visa's strategy to hold onto its number 1 ranking...

**20/3,K/71 (Item 42 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01725152 Supplier Number: 42155194 (USE FORMAT 7 FOR FULLTEXT)  
**US Sprint opens DC demonstration center**  
Common Carrier Week, pN/A  
June 17, 1991  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Professional Trade  
Word Count: 145

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...its govt. and international business customers. Facility features  
equipment for videoconferencing, high-speed facsimile, still- **image**  
**transmission**, electronic messaging, ISDN. Idea is to show how services  
work in hookups to hq in...

...program. In addition, Sprint spokesman said company pays Washington \$150,000 per year in city **pay phone** commissions for providing long distance hookups to Chesapeake & Potomac Telephone, capital's local telco.

**20/3,K/72 (Item 43 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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01718770 Supplier Number: 42146088 (USE FORMAT 7 FOR FULLTEXT)

**US Sprint opens demonstration center**

Communications Daily, pN/A

June 11, 1991

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 140

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...s govt. and international business customers. Facility features equipment for videoconferencing, high-speed facsimile, still- **image transmission** , electronic messaging, ISDN. Idea is to show how services work in hookups to hq in...

...Youth program. In addition, Sprint spokesman said company pays Washington \$150,000/year in city **payphone** commissions for providing long distance hookups to C&P, capital's local telco.

**20/3,K/73 (Item 44 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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01563032 Supplier Number: 41915276 (USE FORMAT 7 FOR FULLTEXT)

**KONICA INTRODUCES THE KONICA 4045 COPIER**

News Release, p1

March 5, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 661

... of Konica Corporation of Japan, a manufacturer and worldwide distributor of copiers, facsimile machines, laser **printers** , cameras, lenses, **photographic** films, audio and video **products** , industrial products and computer **terminal** equipment. In the United States, KONICA copiers, facsimile machines, and laser printers are marketed through...

**20/3,K/74 (Item 45 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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01563031 Supplier Number: 41915275 (USE FORMAT 7 FOR FULLTEXT)

**KONICA INTRODUCES KONICA FAX 955**

News Release, p1

March 5, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 707

... of Konica Corporation of Japan, a manufacturer and worldwide distributor of copiers, facsimile machines, laser **printers**, cameras, lenses, **photographic** films, audio and video **products**, industrial products and computer **terminal** equipment. In the United States, KONICA copiers, facsimile machines, and laser printers are marketed through...

**20/3,K/75 (Item 46 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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01500837 Supplier Number: 41821322

**DEC Vies for Share of Image-Processing Market**

PC Week, p3

Jan 28, 1991

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Tabloid; General Trade

ABSTRACT:

...image accelerators for 5 users. The system permits users of DEC and 3rd-party VAX **terminals** to capture, store, index, display, and **print images**. The **product** represents the first step in what analysts view as the major migration of DEC and...

**20/3,K/76 (Item 47 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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01398985 Supplier Number: 41667371 (USE FORMAT 7 FOR FULLTEXT)

**NEW WORDPERFECT PRINTER DRIVER FOR KONICA LP-3110 LASER PRINTER**

News Release, p1

Nov 12, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 375

... of Konica Corporation of Japan, a manufacturer and worldwide distributor of copiers, facsimile machines, laser **printers**, cameras, lenses, **photographic** films, audio and video **products**, industrial products and computer **terminal** equipment. In the United States, KONICA copiers, facsimile machines, and laser printers are marketed through...

**20/3,K/77 (Item 48 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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01398901 Supplier Number: 41667282 (USE FORMAT 7 FOR FULLTEXT)

**KONICA INTRODUCES THE LP-3110F PLAIN PAPER FAX SYSTEM**

News Release, p1

Nov 12, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade



Word Count: 546

... of Konica Corporation of Japan, a  
manufacturer and worldwide distributor of copiers, facsimile  
machines, laser **printers**, cameras, lenses, **photographic**  
films, audio  
and video **products**, industrial products and computer **terminal**  
equipment. In the United States, KONICA copiers, facsimile machines,  
and laser printers are marketed through...

**20/3,K/78 (Item 49 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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01398900 Supplier Number: 41667281 (USE FORMAT 7 FOR FULLTEXT)  
**KONICA INTRODUCES THE LP-3110: COMPANY'S FIRST ENTRY INTO THE LASER PRINTER  
MARKET**

News Release, p1  
Nov 12, 1990  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 727

... of Konica Corporation of Japan, a  
manufacturer and worldwide distributor of copiers, facsimile  
machines, laser **printers**, cameras, lenses, **photographic**  
films, audio  
and video **products**, industrial products and computer **terminal**  
equipment. In the United States, KONICA copiers,  
facsimile machines, and laser printers are marketed through...

**20/3,K/79 (Item 50 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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01398899 Supplier Number: 41667280 (USE FORMAT 7 FOR FULLTEXT)  
**KONICA INTRODUCES THE LP-3110: COMPANY'S FIRST ENTRY INTO THE LASER PRINTER  
MARKET**

News Release, p1  
Nov 12, 1990  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 717

... of Konica Corporation of Japan, a  
manufacturer and worldwide distributor of copiers, facsimile  
machines, laser **printers**, cameras, lenses, **photographic**  
films, audio  
and video **products**, industrial products and computer **terminal**  
equipment. In the United States, KONICA copiers, facsimile machines,  
and laser printers are marketed through...

**20/3,K/80 (Item 51 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)  
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01398269 Supplier Number: 41666251 (USE FORMAT 7 FOR FULLTEXT)

**KONICA DEMONSTRATES THE LP-3015 LASER PRINTER PROTOTYPE**

News Release, p1

Nov 11, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 684

... of Konica Corporation of Japan, a manufacturer and worldwide distributor of copiers, facsimile machines, laser **printers**, cameras, lenses, **photographic** films, audio and video **products**, industrial products and computer **terminal** equipment. In the United States, KONICA copiers, facsimile machines, and laser printers are marketed through...

**20/3,K/81 (Item 52 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2003 The Gale Group. All rts. reserv.

01363700 Supplier Number: 41615955 (USE FORMAT 7 FOR FULLTEXT)

**KONICA INTRODUCES ITS FIRST ENTRY INTO THE LASER PRINTER MARKET WITH THE LP-3110**

News Release, p1

Oct 17, 1990

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 708

... of Konica Corporation of Japan, a manufacturer and worldwide distributor of copiers, facsimile machines, laser **printers**, cameras, lenses, **photographic** films, audio and video **products**, industrial products and computer **terminal** equipment. In the United States, KONICA copiers, facsimile machines, and laser printers are marketed through...

**20/3,K/82 (Item 53 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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01274428 Supplier Number: 41485628

**Tektronix Demonstrates Two Color Thermal Printers That Support Networked Workstations, Terminals**

News Release, p1

August 7, 1990

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...address the growing market for high-quality color output in the UNIX-based workstation and **terminal** environments. The 4693PXN networked color PostScript-language compatible printer and the 4693DXN networked color image printer are Tektronix' first **products** specifically designed to work with the growing number of applications demanding high-quality color output...

...of window, region or full screen images from a variety of popular workstations and graphics **terminals**. This direct network connect

eliminates the need for VME Bus or S-Bus cards and...

20/3,K/83 (Item 54 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

01242671 Supplier Number: 41440429  
**Tektronix introduces Two Color Thermal Printers To Support Networked Workstations, Terminals**  
News Release, p1  
July 16, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...address the growing market for high-quality color output in the a-based workstation and **terminal** environments. The 4693PXN networked color PostScript-language compatible printer and the 4693DXN networked color **image printer** are Tektronix' first **products** specifically designed to work with the growing number of applications demanding high-quality color output...

...of window, region or full screen images from a variety of popular workstations and graphics **terminals** . This direct network connect eliminates the need for VME Bus or S-Bus cards and...

20/3,K/84 (Item 55 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

01201191 Supplier Number: 41380395 (USE FORMAT 7 FOR FULLTEXT)  
**Furr's Consolidates at PGC: Loss Forces Major Layoffs at Lubbock Shop Nebe**  
ADWEEK Southwest, v0, n0, p1  
June 11, 1990  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 307

... operator in West Texas and New Mexico, since 1982.  
PGC's new assignments involve all **print** including **image** and price-**item** work, plus **point** of **sale** and outdoor.  
Nebe began losing its hold on Furr's in December 1989, when PGC...

20/3,K/85 (Item 56 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2003 The Gale Group. All rts. reserv.

01145213 Supplier Number: 41298485 (USE FORMAT 7 FOR FULLTEXT)  
**MANAGEMENT BUYOUT FOR SMART TERMINALS, GETTING SMART IN POINT-OF-SALE MARKET**  
Computergram International, n1414, pN/A  
April 27, 1990  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 304

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

Smart **Terminals** Ltd, established eight years ago by Australian entrepreneur Richard Macmillan, has been acquired for an...

...hardware. The software includes an operating system and network software that resides within 400Kb of **point of sale terminal** memory. It enables electronic cash registers to be programmed and for the system to drive...

...based system can drive 100 electronic cash registers in mixed merchandise stores, or around 50 **checkouts** in a supermarket. Smart **Terminals** has also built an interface to computer windowing and touch screen facilities. This enables personal...

...customer self-service or sales enquiry postions, and the computers may be linked to laser **printers** to display **images** of the **goods** on offer. Peter Henderson, Steve Duhan, and Chris Moore are heading the management buyout, and...

...have just signed GBP4m three year agreement to upgrade Argos' software in 250 showrooms. Smart **Terminals** has also won a recent order from the Burberry clothing manufacturers, and the North East...

20/3,K/86 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

11777260 SUPPLIER NUMBER: 58291754 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**SAP Systems.**

Engineer's Digest, 27, 7, 43

July, 1999

ISSN: 0199-0101

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 74

LINE COUNT: 00009

TEXT:

...s Main(tiMizer+.sup.TM) (CMMS), the information is automatically transferred to the SAP system. **POs** are created after management approval, and "mirror **images** " of them are **sent** back to the CMMS for tracking by the maintenance department.

20/3,K/87 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

11499636 SUPPLIER NUMBER: 57563615 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Digital Shutterbugs, Unite! (Technology Information) (Tutorial)**

Holzberg, Carol S.

Technology & Learning, 20, 3, 52

Oct, 1999

DOCUMENT TYPE: Tutorial

ISSN: 1053-6728

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 641

LINE COUNT: 00058

TEXT:

...optical vs. digital zoom," "megapixel," "CCD," and "lag time" send you running for a dictionary, **check out** the Internet. You'll find sites with jargon-free definitions of complex camera terms, answers to frequently asked questions about film and filmless cameras, product reviews, tips on

downloading digital images into the computer, advice on image editing, plus information on the history of photography. Our Web favorites include:

20/3,K/88 (Item 3 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10432836 SUPPLIER NUMBER: 21080419 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Executive Suite: Toshiba Group Restructures Copier Business to Advance Business and Take Advantage of Emerging Trends in Digitization. (Company Operations)**  
EDGE, on & about AT&T, v12, n31, pNA(1)  
August 31, 1998  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 540 LINE COUNT: 00060

... largest Toshiba Group companies, is active worldwide in three main sectors: retail information systems, including POS systems; household appliances, including lighting fixtures; and electronic imaging systems, where its main products are facsimiles, printers and image scanners. In 1994, TEC integrated Toshiba's facsimile and printer operations into its own, positioning...

20/3,K/89 (Item 4 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

10162625 SUPPLIER NUMBER: 20145647 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Scanning goes vertical: a big future for specialized check scanning. (check scanning technology)**  
Spencer, Harvey  
Advanced Imaging, v12, n10, p54(2)  
Oct, 1997  
ISSN: 1042-0711 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1137 LINE COUNT: 00090

... and the customer can get a print of the check image as receipt from the POS machine. Eventually, under image-based truncation, the checks stay at the store or possibly get...

20/3,K/90 (Item 5 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

09954115 SUPPLIER NUMBER: 20047624 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Prescriptives is powering up. (for new product introductions)**  
Aktar, Alev  
WWD, v174, n109, p8(1)  
Dec 5, 1997  
ISSN: 0149-5380 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1499 LINE COUNT: 00118

... sales of \$15 million in the first 12 months. The scent will be backed by print advertising featuring photographs of the product, and a number of point-of-sale activities. "We're a rule-breaking company with an untraditional fragrance approach," explained Hertzmark. "We...

20/3,K/91 (Item 6 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08739875 SUPPLIER NUMBER: 18323309 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Galla's success in unreal. (3D packaging design) (Design)**  
Ayshford, Hilary  
Packaging Week, v11, n40, p33(1)  
March 28, 1996  
ISSN: 0267-6117 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 833 LINE COUNT: 00065

... the packs are used not just to give an accurate impression of what the finished **item** will look like, but for **photography** for **printed** advertisements and **point -of- sale** material, and even for filming television adverts.

The secret lies in a patented process which...

20/3,K/92 (Item 7 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08733882 SUPPLIER NUMBER: 18384494  
**Photo opportunity: Photoweb turns the Net into an online album.**  
Bresnahan, Jennifer  
CIO, v9, n11, pB18(2)  
March 15, 1996  
ISSN: 0894-9301 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: PicturePlace Inc. has generated substantial revenues with its Internet service on the World Wide **Web** called PictureWeb. Within 24 hours after **receipt**, the service can **electronically send** **photo** slides, prints, photographs and previously developed photographs. PictureWeb also enables the user to alter the...

20/3,K/93 (Item 8 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

08263491 SUPPLIER NUMBER: 17529156 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Check-imaging test. (PC Week Executive) (Industry Trend or Event) (Brief Article)**  
PC Week, v12, n44, pE3(1)  
Nov 6, 1995  
DOCUMENT TYPE: Brief Article ISSN: 0740-1604 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 176 LINE COUNT: 00017

TEXT:

...Citibank, and Chase-Chemical. More than just other banks will be watching as the project **transfers images** of so-called return items--checks that one bank sends to another for payment but...

...Eventually, stores might be able to pass a customer's check through a retail **point of sale**, rather than sending it to a bank through the mail. Before that happens, though, regulations...

20/3,K/94 . (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07762911 SUPPLIER NUMBER: 16766250 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**KODAK, IBM AND SPRINT TO SEND IMAGES AROUND THE WORLD AT SPEED; NEW  
'HYPERCOMPRESSION' ALGORITHM.**  
Computergram International, pCGN03300007  
March 30, 1995  
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 561 LINE COUNT: 00042

TEXT:

...and general manager of Kodak's Digital and Imaging organisation,  
efforts to speed up electronic **image transfer** have concentrated on  
providing higher bandwidths to send more data. Kodak's model bypasses this  
...

...the pipe. Collaborating with IBM Corp and Sprint Corp, Kodak is  
developing a system to **send images** around the world using a combination  
of three technologies. Kodak's Photo CD format stores...

...Image Pac format and enables users across a network to work with a lower  
resolution **image** that can be **transmitted** more quickly. Function  
Interpolating Transformation System, or FITS, is an image algorithm  
licensed by Kodak...

...changes to an image separately from the image itself, enabling real-time  
editing and faster **transmission**. And **Image** Access System is Kodak's  
method of image management that enables users to file and...

...to an image can be stored in a small script file and that can be  
**transmitted** independently of the **image** itself. If a user requires a  
high-resolution version of the image it can be...

...made to the card. The technology will be used in conjunction with IBM's  
4690 **point-of-sale** systems later this year. The two companies also have  
agreements for standardising optical storage technology...

20/3,K/95 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07589406 SUPPLIER NUMBER: 15959684 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ARIA LAUNCHES NEW WIRELESS PRIVATE LINE DATA SERVICE IN THE UNITED STATES**  
PR Newswire, p1207CL025  
Dec 7, 1994  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 1053 LINE COUNT: 00089

... support any transactional application that requires fast, dedicated  
connections. PDDN can link automated teller machines, **point-of-sale**  
terminals, point-of-banking terminals, as well as on-line gaming and  
lottery terminals regardless of protocol. PDDN can also be used for  
security monitoring and **transmitting** still video **images**.

ARIA is an innovator in the wireless industry and a leading supplier  
of wireless data...

20/3,K/96 (Item 11 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07552854 SUPPLIER NUMBER: 15850265 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Merchants to improve cardholder relationships with technology. (new point-of-sale and chargeback-resolvment technologies)**  
Card News, v9, n20, p5(2)  
Oct 17, 1994  
ISSN: 0894-0797 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 728 LINE COUNT: 00058

...olve a dispute.

The system uses a full-page scanner, which allows the merchant to send clear images of any supporting documentation, such as receipts and signed shipping logs, to CES for re...

...to be rolled out by year-end. (Julia Moretti, CES, 516/843-6253) IBM Changing Point-of-Sale Systems  
White Plains, N.Y.-based IBM recently released StorePlace, a new family of p...

20/3,K/97 (Item 12 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

07520927 SUPPLIER NUMBER: 16239650 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The house that Capps built is designed to include Power Mac. (Capps Studio's digital remote proofing)**  
Guglielmo, Connie  
MacWEEK, v8, n36, p25(1)  
Sept 12, 1994  
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 622 LINE COUNT: 00046

ABSTRACT: Capps Studio, a print production house in Chicago, employs an E-mail process called Creative Image Transfer rather than sending courier packages or overnight mail back and forth to clients. This process of digital remote...

...color comps of billboards and magazine ads and inserts, as well as transit posters and point-of-sale materials. Capps plans to make the Power Mac its standard platform.

20/3,K/98 (Item 13 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07247804 SUPPLIER NUMBER: 15307831 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SPS testing digital transmission for card processing. (SPS Payment Systems) (Brief Article)**  
Tucker, Tracey  
American Banker, v159, n74, p17(1)  
April 19, 1994  
DOCUMENT TYPE: Brief Article ISSN: 0002-7561 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT



WORD COUNT: 488 LINE COUNT: 00039

... per-transaction basis.

One Line, Multiple Uses

In addition, ISDN can handle voice, data, and **image transmissions** over the same circuit, so only one line is needed to support many pieces of equipment, all running separate applications simultaneously. The equipment may include regular telephones, **point -of- sale** devices, fax machines, lottery machines, security systems, or any other system that transmits over phone...

**20/3,K/99 (Item 14 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07163025 SUPPLIER NUMBER: 14939483 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The lean, mean sales machine. (restructuring sales forces)(includes related article)**

Stevenson, Mark

Canadian Business, v67, n1, p32(4)

Jan, 1994

ISSN: 0008-3100

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3186 LINE COUNT: 00248

... means better service, but without the cost of an additional sales call. Kodak has even **sent** out **pictures** of its telesales reps, along with a sales department flow chart, to help customers get...

...also hired an independent merchandiser to visit retail outlets, rotate stock, make sure the correct **point -of- sale** advertising is in place and liberate its own salespeople from the niggling details of merchandising...

**20/3,K/100 (Item 15 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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07041090 SUPPLIER NUMBER: 15095467

**Crime fighter: Printrak technology; inkless fingerprinting aids field users. (Printrak International Inc.'s biometric-imaging technology)**

Clancy, Heather

Computer Reseller News, n571, p48(1)

March 28, 1994

ISSN: 0893-8377

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: enforcement officials while on patrol; the units are used to input and fine-tune the **images** and then **send** them via wireless technology to central databases for comparison. Printrak expects the technology to be used in such vertical applications as health care, immigration management, credit-card verification, and **point -of- sale** transactions. The process was made possible by Texas Instruments Inc's Multimedia Video Processor, which...

**20/3,K/101 (Item 16 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06671587 SUPPLIER NUMBER: 14048755 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Credit card issuers find technology packs a punch in battle against fraud.  
(credit card fraud; includes related article on fraud prevention  
techniques) (part 2)**

Card News, v8, n14, p3(3)

July 12, 1993

ISSN: 0894-0797

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1818

LINE COUNT: 00142

... merchants with positive identification of the card user, thus reducing fraudulent use. The system will **transmit** digitized **images** of cardholders from Citicorp computers to in-store, **point -of- sale** terminals.

The bank is planning to install the system within the next 10 years.  
The...

**20/3,K/102 (Item 17 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06511175 SUPPLIER NUMBER: 13921598 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Citicorp's antifraud plan: digitized customer images. (bank's computer will  
send customer's image to merchant's terminal)**

Crockett, Barton

American Banker, v158, n115, p1(2)

June 17, 1993

ISSN: 0002-7561

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 756

LINE COUNT: 00060

The system, which Mr. Reed said the bank plans to install within a decade, would **transmit** digitized **pictures** of customers from Citicorp computers to merchants' **point -of- sale** terminals.

"If you stole that card, your picture is not going to match - and the  
...

**20/3,K/103 (Item 18 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06435390 SUPPLIER NUMBER: 13642718 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**NACHA conference focuses on check-related issues. (National Automated  
Clearing House Association)**

Financial Services Report, v10, n8, p8(1)

April 14, 1993

ISSN: 0894-7260

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 299

LINE COUNT: 00025

TEXT:

...electronic capture of MICR data for electronic check presentment with checks following, truncation at the **point** of **sale** or the lockbox processing center for collecting the depositing party's data, the Federal Reserve...

...and the New York Clearing House Association's pilot effort to expedite rejected checks through **transmission** of check **images**.

**20/3,K/104 (Item 19 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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06219806 SUPPLIER NUMBER: 13277508 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**U.S. mergers and acquisitions. (The M&A Rosters: First Quarter 1992)**  
Mergers & Acquisitions, 27, n1, 65(69)  
July-August, 1992  
ISSN: 0026-0010 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 79730 LINE COUNT: 07395

... England manufactures telecommunication equipment and printer's; designs, develops, and markets military line printers and **terminals**; and manufactures aerospace electronic control equipment. It operates out of a modern 155,000-square...forwarding, information services, and advertising. It sells telephone equipment to other pay telephone operators. Its **payphones** are located in 24 states, including Florida, Alabama, Arizona, Indiana, Texas, and Ohio. Its acquisition...

**20/3,K/105 (Item 20 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

06216189 SUPPLIER NUMBER: 13813481 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Computerized space management planograms.**  
Gladson, Ted R.  
Aftermarket Business, v102, n11, p24(2)  
Nov 1, 1992  
ISSN: 0892-1121 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1862 LINE COUNT: 00148

... were sent to each store so clerks could implement the corporate plan. Still later, actual **photographs** were taken and **sent** to the stores for use as guides in product positioning and to speed set-up...

...later that retailers began to question the wisdom of carrying all items in all categories. **Point -of- sale ( POS )** scanning was on the horizon.  
During this period most stores carried the same products, and...

**20/3,K/106 (Item 21 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05893094 SUPPLIER NUMBER: 12269498 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Market for telecommunications equipment will grow to \$58.2 billion by 1996.**  
**(North American Telecommunications Association forecast)**  
Communications Daily, v12, n112, p6(1)  
June 10, 1992  
ISSN: 0277-0679 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 276 LINE COUNT: 00021

TEXT:

...all new personal computer models will "have some sort of capability to input, store, and **transmit** video **images**," study said. (6)  
Independently owned public **pay phones** reached installed base of 225,000 and are projected to reach 340,000 by 1996...

**20/3,K/107 (Item 22 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB

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05528218 SUPPLIER NUMBER: 11525045 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Bankcard authorization: how it works. (Bankcard Authorization)**

Chain Store Age Executive with Shopping Center Age, v67, n11, p3B(3)  
Nov, 1991

ISSN: 0193-1199 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1313 LINE COUNT: 00101

... to Visa or Mastercard, which transmits the data to the bank,  
receives back an authorization...

**PHOTO : 5. ...and sends** that authorization to the processor,  
which transmits it to the terminal at the **point of sale** ...

**PHOTO : 6. ...which flashes an authorization number**, all usually  
within 15 seconds.

**20/3,K/108 (Item 23 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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05232960 SUPPLIER NUMBER: 11260895

**DOV: retail efficiency. (data-over-voice is being used increasingly by  
retailers to verify credit limits)**

Pinsky, Donne

CommunicationsWeek, n368, p21(2)

Sept 9, 1991

ISSN: 0746-8121 LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: leased-line services. Although it is less complex than ISDN,  
in that it excludes the **transmission** of **images**, it is considered ideal  
for such applications as alarm and **point -of- sale** systems. The  
technology's main drawback is that it can interfere with other digital  
signals...

**20/3,K/109 (Item 24 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05191270 SUPPLIER NUMBER: 10813033 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**A feature film. (oriented polypropylene as packaging material)**

Anthony, Sterling

Food & Beverage Marketing, v10, n5, p64(2)

May, 1991

ISSN: 0731-3799 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 1316 LINE COUNT: 00104

... of the products. Additionally, the white opaqueness is a better  
canvas for the five-color **printing** that includes prominent **photos** of  
the **products**. This is a **point -of- sale** plus for the Hostess Lights  
products that have different filings. To instantly communicate the filing  
....

**20/3,K/110 (Item 25 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

05190528 SUPPLIER NUMBER: 10870759 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**US Sprint Mon. opened demonstration center.**

Communications Daily, v11, n112, p4(1)

June 11, 1991

ISSN: 0277-0679

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 149

LINE COUNT: 00012

**TEXT:**

...s govt. and international business customers. Facility features equipment for videoconferencing, high-speed facsimile, still- **image transmission** , electronic messaging, ISDN. Idea to show how services work in hookups to hq in Kansas...

...Youth program. In addition, Sprint spokesman said company pays Washington \$150,000/year in city **payphone** commissions for providing long distance hookups to C&P, capital's local telco.

**20/3,K/111 (Item 26 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

04567312 SUPPLIER NUMBER: 08333870 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The latest desktop contender. (X terminals) (Systems - Terminals)**

McMullen, John

Datamation, v36, n7, p63(3)

April 1, 1990

ISSN: 1062-8363

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2584

LINE COUNT: 00204

... minicomputer as a server and a few Sun SPARCstations.

Last July, Digital introduced its DECwindows **terminal** , seeing it as a window to Digital workstation sales. Digital's display **terminals** , which are now shipping, will support both DECwindows and X Window Systems applications. "We're says George Wright, a **product** manager at Digital's video **image printing** systems group in Westford, Mass. Digital expects that tremendous X- **terminal** interest will signal a rebirth of the lagging **terminal** business by 1991.

Potentially, the biggest plus yet for IS management may be the ability...

**20/3,K/112 (Item 27 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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04547777 SUPPLIER NUMBER: 08409740 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Management buyout for Smart Terminals, getting smart in point-of-sale market.**

McGinn, Janice

Computergram International, n1414, CGI04270022

April 27, 1990

ISSN: 0268-716X

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 328

LINE COUNT: 00027

**SMART IN POINT-OF-SALE MARKET**

Smart **Terminals** Ltd, established eight years ago by Australian entrepreneur Richard Macmillan, has been acquired for an...

...hardware. The software includes an operating system and network software that resides within 400Kb of **point of sale terminal** memory. It

enables electronic cash registers to be programmed and for the system to drive...

...based system can drive 100 electronic cash registers in mixed merchandise stores, or around 50 **checkouts** in a supermarket. Smart **Terminals** has also built an interface to computer windowing and touch screen facilities. This enables personal...

...customer self-service or sales enquiry postions, and the computers may be linked to laser **printers** to display **images** of the **goods** on offer. Peter Henderson, Steve Duhan, and Chris Moore are heading the management buyout, and...

...have just signed #4m three year agreement to upgrade Argos' software in 250 showrooms. Smart **Terminals** has also won a recent order from the Burberry clothing manufacturers, and the North East...

20/3,K/113 (Item 28 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

04107700 SUPPLIER NUMBER: 07869225 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Guinness and Harp get jump on St. Patrick's Day. (Guinness Stout and Harp Lager)**  
Modern Brewery Age, v40, n33, p2(1)  
August 14, 1989  
ISSN: 0026-7538 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 386 LINE COUNT: 00029

... ad in USA Today and full-page ads in Sports Illustrated and Rolling Stone.

All **point -of- sale** materials invite consumers to compete for the "Miss St. Patricks' Day" title worth \$50,000 in cash and prizes. Contestants can **send** in their **photo** to the Guinness Import Co. or compete in regional pageants held throughout the country with...

20/3,K/114 (Item 29 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2003 The Gale Group. All rts. reserv.

03910106 SUPPLIER NUMBER: 07503753 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Imaging systems: picture perfect. (includes related article)**  
Hylas, Robert E.; Keating, Wick; Gordon, Bruce  
Best's Review - Property-Casualty Insurance Edition, v89, n12, p64(5)  
April, 1989  
ISSN: 0161-7745 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 3761 LINE COUNT: 00308

... unlimited.

Another key image system component is a scanner. These devices translate documents to electronic **images** for **transmission** to laser disk or other storage medium. A scanner works much like a **point -of- sale** scanner used in grocery stores to pick up micro-encoded product labels. The scanner identifies...

20/3,K/115 (Item 30 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB

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03329249      SUPPLIER NUMBER: 06229293      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Use of retail technology focuses on service. (at K mart, Wal-Mart and**

**Target)**

Discount Store News, v26, n24, p76(2)

Dec 14, 1987

ISSN: 0012-3587

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 1273      LINE COUNT: 00099

... such ancillary uses as broadcasting messages from corporate executives, showing samples of new products and **downloading** training videos.

**Photo** : K mart, Sterling Heights, Mich.: The most obvious used of technology is at the **point** of **sale** for faster checkout and credit card authorizations.

Photo: K mart, Troy. Mich.: The chain plans...

**20/3,K/116      (Item 31 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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03122614      SUPPLIER NUMBER: 04781092      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Lessons from German managers. (preparing workers and management for future)**

Richman, Louis S.

Fortune, v115, p267(4)

April 27, 1987

ISSN: 0015-8259

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2008      LINE COUNT: 00160

**20/3,K/117      (Item 32 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

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02338017      SUPPLIER NUMBER: 03832999      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The creative importance of intention. (television advertising) (column)**

Ross, Art

Back Stage, v26, p49(1)

June 28, 1985

DOCUMENT TYPE: column

ISSN: 0005-3635

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 784      LINE COUNT: 00061

... Kellogg's Cereals.

Be sure your tv commercials manifest your intention. And then carry this **image transfer** over into radio, newspapers, magazines and **point-of-sale**. Total focused intention in all media and PR creates unmistakable communication of the single most...

**20/3,K/118      (Item 33 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

01889139      SUPPLIER NUMBER: 02995214      (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Looking at automated cash management.**

Lum, Sarah

Supermarket Business, v38, p23(3)

Nov, 1983

ISSN: 0196-5700

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3151

LINE COUNT: 00243

... the computer switch instantaneously debits the customer's account for the amount of the transaction.

**Photo** : Electronic funds transfer at point of sale at a Hy-Vees supermarket in Des Moines, Iowa.

**20/3,K/119 (Item 34 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

01747968 SUPPLIER NUMBER: 02785898 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Scanner-digitizer, digitized fonts, and graphics terminal debut.**

Graphic Arts Monthly, and The Printing Industry, v55, p64(4)

June, 1983

ISSN: 0017-3312

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 2569

LINE COUNT: 00205

... by Egypt's Arab Organizations for Industrialization. The DVS system (model 322 camera and display **terminal** ), priced at \$26,295, permits digitizing, viewing, and **printing** of personnel **photos** and records.

Reviewing each **product** in the Dacopy line separately, the series 300 cameras accept most 35-mm bayonet or...

**20/3,K/120 (Item 1 from file: 160)**

DIALOG(R)File 160:Gale Group PROMT(R)

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02202372

**Les Maisons de Cartier promotion in two parts**

HFD May 29, 1989 p. 55

ISSN: 0162-9158

...dealer display contest and a sell-through incentive plan for counter sales staff. Dealers must **send photos** of Les Maisons de Cartier merchandise displays to the Cartier office in Shelton, Ct, by 7/25/89. Displays may be **point -of- sale** or window displays and must be kept in store windows for a minimum of 2...

**20/3,K/121 (Item 2 from file: 160)**

DIALOG(R)File 160:Gale Group PROMT(R)

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02168158

**France's ISDN hors d'oeuvre**

Datamation April 1, 1989 p. 88-6

ISSN: 0011-6963

...betting; Elilos Informatique, transferring printed circuit design data to the board maker; BNP (Sligos-Sagem), **point of sale** terminals connected to a bank; DBMIST (Telesystemes), scientific document transmission between university libraries; Gamma Presse ( **Image Directe**), **transmitting** press **photos** to newspapers; SARI, **transmitting** urban development plans; FNAIM (Telesystemes), **transmitting** blueprints and



**photos** between real estate offices; Geostock (Sarde), transmitting petroleum industry data; and Glaxo, transmitting pharmaceutical information. ...

**20/3,K/122 (Item 3 from file: 160)**

DIALOG(R) File 160:Gale Group PROMT(R)  
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02059950

**NEW MICRO CHANNEL INTERFACE FROM PROTEON**  
News Release September 27, 1988 p. 1

...ProNET-4's 4 megabit/second data throughput for high speed bulk data transactions, graphic **image transfers**, or new software development. The new Proteon interface supports IBM's Programmable Option Select ( **POS** ) software interface which automatically configures the system at power up and eliminates the need to...

**20/3,K/123 (Item 4 from file: 160)**

DIALOG(R) File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

01616680

**THE BRITISH PHONE CALL: SOON NO LONGER A PRICELESS ADVENTURE.**  
NEWS FROM INTERNATIONAL RESOURCE DEVELOPMENT, INC April 15, 1987 p. 1-3

... Detail Recording, an itemized list of calls, according to International Resource Development (Norwalk, Connecticut). Newer **pay phones** are being introduced that automatically debit a card holder's account vs the present **pay phones** requiring callers to constantly feed coins. A fast growing UK telecom market is facsimile equipment, allowing users to **transmit images** of letters and drawings to other machines around the world. ...

**20/3,K/124 (Item 5 from file: 160)**

DIALOG(R) File 160:Gale Group PROMT(R)  
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01585811

**High-tech promo lets women 'try on' hair colors.**  
DRUG STORE NEWS March 2, 1987 p. 18

Clairol used a computer-aided **point -of- sale** display allowing women to 'try on' hair colors. A two-day exhibit was set up...

... West Virginia, in fall-1986. A special video camera took pictures of customers and the **image** was **transferred** to a computer screen. A Clairol consultant manipulated the image on the screen to show...

**20/3,K/125 (Item 6 from file: 160)**

DIALOG(R) File 160:Gale Group PROMT(R)  
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01193168

**2 new Kodak office systems.**  
NEW YORK TIMES (NATIONAL EDITION) May 30, 1985 p. 371

...the office automation market. One of the systems retrieves microfilm images from a remote computer **terminal** and the other creates and prints high-quality text-and-graphics documents at 1 workstation...

... of \$10.6 billion in 1984. The microfilm retriever enables someone sitting at a computer **terminal** in an office to view microfilm records stored in the basement in under 15 second...

... that changes the photographic image to an electronic one and beam it to the computer **terminal** . The user can then write notations on the document and send it electronically to another computer **terminal** . Potential customers include banks, insurance firms, government agencies and hospitals. The 2nd system will enable...

... computer operator to create near-offset quality brochures and other documents using text, graphics and **pictures** . A laser **printer** produces a black-and-white **product** that could be photocopied or printed by offset. The system fills a gap between publishing...

20/3,K/126 (Item 7 from file: 160)

DIALOG(R)File 160:Gale Group PROMT(R)

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00870050

Telidon PLP (Canada), which has just debuted in the UK as a point-of-sale medium in shops, will be launched in France and Germany by Poulter Compuvision.

Focus January, 1983 p. 29

... exploit gaps in the UK videotex market, according to G Poulter of Poulter Compuvision. Its **point -of- sale** service allows retailers to tell shoppers about special offers through animated **pictures** , which can be **transmitted** to shop's terminals from a studio via a telephone line.

...

20/3,K/127 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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02274524 SUPPLIER NUMBER: 53984673 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Images.com.(online image software, sheet-fed scanners ) (Buyers Guide)**

O'Donovan, Eamonn

Technology & Learning, 19, 6, 65(1)

Feb, 1999

DOCUMENT TYPE: Buyers Guide

ISSN: 1053-6728

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 736 LINE COUNT: 00062

TEXT:

...more and more options for getting pictures online. Companies now offer image stations on the **Web** , sort of cyber photo labs where you can store or enhance your **digital images** , or **download** those available to the public. **Check out** the following tools:

20/3,K/128 (Item 2 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)

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01759248 SUPPLIER NUMBER: 16689629 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Blishen sends photos over mobile phones. (John Blishen and Company) (Brief Article)**

Seybold Report on Publishing Systems, v24, n11, p32(1)

Feb 13, 1995

DOCUMENT TYPE: Brief Article ISSN: 0736-7260 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT

WORD COUNT: 350 LINE COUNT: 00027

... waiting until you get back to the hotel room or looking around for a convenient **pay phone** ; with a digital mobile phone, a **photographer** can **transmit pictures** right from the field -- literally.

Blishen sells the whole package (loaded PowerBook, digital camera, phone...

**20/3,K/129 (Item 3 from file: 275)**

DIALOG(R) File 275:Gale Group Computer DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

01728138 SUPPLIER NUMBER: 16327627 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Fast forward. (faster networks, PCs with CD-ROM and improved compression techniques for multimedia)**

Mill, Jenny

Computer Weekly, p46(2)

Nov 24, 1994

ISSN: 0010-4787 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1511 LINE COUNT: 00115

ABSTRACT: The barriers to multimedia are dissolving because new compression techniques enable video **images** to be **transmitted** over networks and ATM technology enables the networks to handle larger volumes of traffic. PCs...

...of multimedia are training and videoconferencing, but many retailers are looking at the technology for **point -of- sale** applications that enable customers to browse through electronic catalogs to finds the goods or services...

**20/3,K/130 (Item 4 from file: 275)**

DIALOG(R) File 275:Gale Group Computer DB(TM)

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01302114 SUPPLIER NUMBER: 07365782 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Software on demand: a long-term dream revisited.**

RELease 1.0, v89, n4, p15(1)

April 10, 1989

ISSN: 1047-935X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 491 LINE COUNT: 00039

TEXT:

...A LONG-TERM DREAM REVISITED But forget all that. Assume that with CD-ROM a **point -of- sale** software manufacturing system now costs a retailer just \$1995 to install, with no monthly charges other than supplies (blank disks, documentation, etc.). Because the system simply **transfers** an **image** from a master, it works with most disk formats.) And assume a vendor with popular...

20/3,K/131 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01114064 SUPPLIER NUMBER: 00639511  
**In-House Printing Offers Many New Options.**  
Rutherford, B.  
Office Administration and Automation, v46, n8, p28-31  
Aug., 1985  
DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH RECORD TYPE: ABSTRACT

...ABSTRACT: cost of typesetters has spurred the introduction of software that turns personal computers into typesetting **terminals** . To compete with laser printers, traditional copiers are becoming more versatile; a photograph shows the...

...Eastman Kodak Co.'s Kodak Ekta print Electronic Publishing System and Hewlett-Packard's ThinkJet **printer** are shown in **photographs** . **Products** available for each type of printing device are included.

20/3,K/132 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01072557 Supplier Number: 40368868 (USE FORMAT 7 FOR FULLTEXT)  
**NBS Southern Unveils a New PostScript (TM) -compatible 15 Page-per-minute Laser Printer**  
News Release, p1  
April 29, 1988  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 373

... subsidiary of National Business Systems  
Inc., a Canadian-based supplier of plastic card embossers, encoders,  
**imprinters** , automated transaction **terminals** , **photo**  
-identification  
**products** and **printers** .

Quantity one prices for the 3815 range from \$5,995 for the ASCII model to...

20/3,K/133 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2003 The Gale Group. All rts. reserv.

01066079 Supplier Number: 40307350 (USE FORMAT 7 FOR FULLTEXT)  
**FORTY PAGE-PER-MINUTE LASER PRINTING SYSTEM NOW AVAILABLE FROM NBS SOUTHERN**  
News Release, p1  
Feb 29, 1988  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 431

... subsidiary of National Business Systems  
Inc., a Canadian-based supplier of plastic card embossers, encoders,

**imprinters** , automated transaction **terminals** , **photo**  
-identification  
products and **printers** .

Detailed specifications, pricing and delivery information on the  
model 3840 and other high-volume printing...

**20/3,K/134 (Item 3 from file: 621)**

DIALOG(R)File 621:Gale Group New Prod.Annou.(R)

(c) 2003 The Gale Group. All rts. reserv.

01029583 Supplier Number: 39914908 (USE FORMAT 7 FOR FULLTEXT)

**NBS SOUTHERN, INC. ANNOUNCES NEW ELECTRONICS PACKAGE FOR OEM'S THE M-II**

PR Newswire, pN/A

Dec 23, 1986

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 694

... company of NBS Southern,  
Inc., is a Canada based supplier of plastic card embossers, encoders,  
**imprinters** , automated transaction **terminals** , **photo**  
-identification  
**products** and **printers**  
Shares of National Business Systems Inc. are  
traded on the NASDAQ National Market System in...

**20/3,K/135 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04399047 Supplier Number: 55366581 (USE FORMAT 7 FOR FULLTEXT)

**HMSL: Access office files anywhere -- at any time >T.**

M2 Presswire, pNA

August 4, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 462

... in seconds.  
HMSL collects and scans the client's paper/data files, converting  
them to **electronic images** and **uploading** them to an individually  
designed **Webflo** database, where they are available for password-protected  
access within minutes. Applications can be created to meet any search  
criteria - such as accounts payable, sales **invoices** , project files or  
proof of delivery. Webflo Files Live On-Line provides a unique customised  
...

**20/3,K/136 (Item 2 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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04135708 Supplier Number: 54277142 (USE FORMAT 7 FOR FULLTEXT)

**SILVERSTREAM: SilverStream software and HMSL announce the launch of Webflo,**  
**files live on-line.**

M2 Presswire, pNA

April 1, 1999

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 1091

... without the capital expenditure normally required. Webflo works like this: Paper files are scanned by Webflo 's developer, Hertford-based HMSL, and converted to **electronic images** . The **images** are **uploaded** to a company's own, totally secure and purpose- designed **Webflo** database and within minutes of **receipt** the files are available to be accessed from anywhere in the world simply by logging...

**20/3,K/137 (Item 3 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04019496 Supplier Number: 53243172 (USE FORMAT 7 FOR FULLTEXT)  
**KODAK: Kodak unveils entertainment photo system for leisure-based attractions.**  
M2 Presswire, pNA  
Nov 19, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 806

... the consumer. High-speed cameras are permanently mounted to photograph every rider in action. The **photos** are immediately **transmitted** to a computer that displays them on monitors located in a **point of sale** area. Customers select a photo and a high quality digital print is produced in just...

**20/3,K/138 (Item 4 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03977468 Supplier Number: 53013803 (USE FORMAT 7 FOR FULLTEXT)  
**Photo Access Banks Component Strategy on Windows CE.**  
Multimedia Week, v7, n36, pNA  
Sept 14, 1998  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 680

... applications that reside in the camera and allow users to connect to a Web-based **terminal** , **print** and enhance **images** .  
The company's first **product** will be the DCA 2000 reference design.  
Gene Wang, Photo Access' chairman, president and CEO...

**20/3,K/139 (Item 5 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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03073749 Supplier Number: 46280355 (USE FORMAT 7 FOR FULLTEXT)  
**IMAGING VENDORS MANUFACTURE SOFTWARE FOR COMMUNITY BANKS**  
Bank Automation News, v8, n6, pN/A  
April 3, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade

Word Count: 562

... Administration Institute (BAI).

AFS and Financialware unveiled Image Enterprise and Image Select, integrated platforms for **storing images** and text from signature verification cards, checks, electronic check presentment (ECP) items, automated clearinghouse (ACH) transmissions, teller applications and **point-of-sale** data.

"The cost savings associated with imaging -- eliminated sorting, reduced postage and streamlined statement rendering...

**20/3,K/140 (Item 6 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

03061980 Supplier Number: 46256411 (USE FORMAT 7 FOR FULLTEXT)

**COMMUNITY BANK VENDORS TOUT ENTERPRISE SOLUTIONS**

Item Processing Report, v7, n6, pN/A

March 28, 1996

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 582

... BAI) .

AFS and Financialware will unveil, respectively, Image Enterprise and Image Select, integrated platforms for **storing images** and text from signature verification cards, checks, electronic check presentment (ECP) items, automated clearinghouse (ACH) transmissions, teller applications and **point-of-sale** data.

"The cost savings associated with imaging -- eliminated sorting, reduced postage and streamlined statement rendering...

**20/3,K/141 (Item 7 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02848864 Supplier Number: 45774531 (USE FORMAT 7 FOR FULLTEXT)

**PRODUCT SIDEWIRE...**

Telecomworldwire, pN/A

Sept 8, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 424

... building 32-bit applications... OMRON CORP of Japan is to launch a new personal ISDN **terminal** adaptor, known as FAST WAVE6401, to provide low-cost ISDN adaption for SOHO users... NTT...

...TECHNOLOGIES in Japan has revealed that it is developing a range of printing large-sized **printers** for **printing**, **photograph** and design applications with **products** set for launch next summer... SONY CORP in the USA has temporarily stopped shipping its...

**20/3,K/142 (Item 8 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02692112 Supplier Number: 45459398 (USE FORMAT 7 FOR FULLTEXT)

**SIDEWIRE...**

Telecomworldwire, pN/A

April 7, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 460

... been cut off the charges... More exploding phone boxes: it has emerged that a BT **payphone** in Weston-on-Avon in the Midlands has been blew up, leaving police puzzled as...

...it was launched in late 1994... IBM is planning a full-scale digital library for **Internet** users, based on the same **digital image** scanning, **storing** and searching technologies it has been using to create an electronic collection of rare books...

**20/3,K/143 (Item 9 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02681508 Supplier Number: 45438069 (USE FORMAT 7 FOR FULLTEXT)

**Untitled 1**

Publishing Technology Review, v2, n5, pN/A

April, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Refereed; Trade

Word Count: 227

... the Kodak technology.

Another new Kodak technology, called image verification, will be applied to digitally **storing** a **photograph** of a credit card-holder on the card's magnetic strip. When the card is used to make a purchase, the photograph could be displayed on an IBM **point -of- sale** monitor to verify the identity of the card holder.

Finally, Kodak has reached an agreement...

**20/3,K/144 (Item 10 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

02473581 Supplier Number: 44958498 (USE FORMAT 7 FOR FULLTEXT)

**American Companies in Japan: TELECOMMUNICATIONS EQUIPMENT**

Japan-U.S. Business Report, v199, n300, pN/A

Sept, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1199

... a video-on-demand system for use in offices and schools. The software uses a **LAN** to connect a PC **terminal** with a video **server** that would seek and **transmit digital image** data. The Japanese-language software is expected to cost about \$20,000. The goal is to connect 200 **terminals**.

Copyright 1994 Japan Economic Institute of America

**20/3,K/145 (Item 11 from file: 636)**



DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2003 The Gale Group. All rts. reserv.

02473580 Supplier Number: 44958497 (USE FORMAT 7 FOR FULLTEXT)  
**American Companies in Japan: SEMICONDUCTORS AND COMPUTERS**  
Japan-U.S. Business Report, v199, n300, pN/A  
Sept, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 2867

... label products. The system includes 300 Windows NT-based AT&T3300 servers used to control **POS** terminals, 250 Windows 3.1-based NCR7450 WinPOS workstations and an AT&T3400 Unix server...

...system, which is to be put into operation in May 1995, will be able to **transmit** product **images** to each outlet.  
SEIKO EPSON CORP. has added four DIGITAL EQUIPMENT CORP. PC models to  
...

**20/3,K/146 (Item 12 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02306112 Supplier Number: 44476037 (USE FORMAT 7 FOR FULLTEXT)  
**REPORTS - BETTER WITH AGE**  
Financial Technology Insight, pN/A  
March, 1994  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 285

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
Monica Snell VisaNet, the largest **point -of- sale** network, has just celebrated its tenth anniversary in electronic authorization services and has over 2...

...year, VisaNet has introduced and incorporated the VisaNet Image Gateway into its services. This feature **transfers images** of the sales draft to banks and consumers in an effort to prevent fraud. Albert...

...Gateway would also be advanced; possibly offering more features with transmissions occurring directly over the **POS** network.

**20/3,K/147 (Item 13 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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02182048 Supplier Number: 44112495 (USE FORMAT 7 FOR FULLTEXT)  
**ASCOM'S ASCOTEL WINS BRITISH AGENCY'S APPROVAL FOR ISDN- 2 PORT CONNECTIONS**  
ISDN News, v6, n19, pN/A  
Sept 22, 1993  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 675

... two major growth areas in terms of ISDN applications," O'Prey said,

pointing to electronic **point** of **sale** and security uses. " **Transmission** of video **images** is becoming an important factor."

Police would be better prepared for responding to security calls...

**20/3,K/148 (Item 14 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02145419 Supplier Number: 44010588 (USE FORMAT 7 FOR FULLTEXT)

**CREDIT CARD FRAUD BATTLE GETS TECHNICAL**

Credit Risk Management Report, v3, n15, pN/A

August 2, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1086

... merchants with positive identification of the card user, thus reducing fraudulent use. The system will **transmit** digitized **images** of cardholders from Citicorp computers to in-store, **point -of- sale** terminals.

The bank is planning to install the system within the next 10 years. Citicorp...

**20/3,K/149 (Item 15 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02127227 Supplier Number: 43961973 (USE FORMAT 7 FOR FULLTEXT)

**CREDIT CARD ISSUERS FIND TECHNOLOGY BATTLES AGAINST FRAUD**

Card News, v8, n14, pN/A

July 12, 1993

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1717

... merchants with positive identification of the card user, thus reducing fraudulent use. The system will **transmit** digitized **images** of cardholders from Citicorp computers to in-store, **point -of- sale** terminals.

The bank is planning to install the system within the next 10 years. The...

**20/3,K/150 (Item 16 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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02047237 Supplier Number: 43729604 (USE FORMAT 7 FOR FULLTEXT)

**NACHA '93 CONFERENCE HIGHLIGHTS ACH OF THE FUTURE**

Corporate EFT Report, v13, n5, pN/A

March 24, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 907

... electronic capture of MICR data for electronic check presentment with checks following, truncation at the **point** of **sale** or the lockbox processing center for collecting the depositing party's data, the Federal

Reserve...

...and the New York Clearing House Association's pilot effort to expedite rejected checks through **transmission** of check **images** .

One speaker making five-year projections forecasted broad image use for all checks, while many...

20/3,K/151 (Item 17 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01993629 Supplier Number: 43578265 (USE FORMAT 7 FOR FULLTEXT)

**Fingerprints And Voice Speak To EFT Security**

Bank Network News, v11, n16, pN/A

Jan 12, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1235

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

The comparison of fingerprints, voice or retina patterns to identify consumers at ATMs and **point -of- sale** terminals has captured the fancy and imagination of those both in and outside of the...

...by comparing distinct physical traits - is more than entertainment. Concern about rising fraud, particularly in **POS** , has gotten the banking industry to look hard at the next level of EFT security...

...say. Some of the biggest obstacles to implementing biometric systems relate to the storage and **transfer** of the digital **images** used for comparison purposes. For example, a shared network or processor might have to keep...

...of copies of digital fingerprint images in storage. When a consumer used an ATM or **POS** terminal, he would create another fingerprint **image** which would be **sent** from a terminal to a mainframe where the images would be compared. Smart Cards "There...

...s parents, has been studying biometrics for numerous bank security applications for several years - including **POS** applications. But Wetzel says increased concern over PIN security has put more pressure on ATM and **POS** terminal manufactures to pursue new forms of security technology. Then InterBold developed a system for...

...i-Series and MDS models. NCR is also looking at its voice recognition system for **POS** and ATM applications. Terminals are expected to be available in late 1993 or early 1994...

20/3,K/152 (Item 18 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01460322 Supplier Number: 41982078 (USE FORMAT 7 FOR FULLTEXT)

**INPUT REPORT RECOMMENDS PARTNERSHIPS FOR DISTRIBUTORS IN EUROPE**

Electronic Trade & Transport News, v2, n7, pN/A

April 2, 1991

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade  
Word Count: 472

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...technologies driving modernization of the supply chain. The others are bar codes and EPOS (electronic **point** of **sale** terminals); EFT (electronic fund **transfer** ); and **image** processing.

**20/3,K/153 (Item 19 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01396061 Supplier Number: 41786625 (USE FORMAT 7 FOR FULLTEXT)

**AZTEC seen as step toward EFT**

Financial Services Report, v8, n1, pN/A

Jan 9, 1991

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 979

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...line data, can be captured and sent electronically now, there would be little use for **sending** an entire **picture** of the check. Financial institutions may think an image of a check would be "safer...

...checks. The retailer said the perfect situation would be to truncate the checks at the **point** of **sale** , and also "marry" them with a check-verification "positive" and "velocity file." The store would...

**20/3,K/154 (Item 1 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

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2090858 57908341

**Image Data truly identifies fraud**

Madden, Lisa

New Hampshire Business Review v22n18 p25

Aug 11, 2000

WORD COUNT: 1,574

DATLINE: Nashua New Hampshire

TEXT:

...accesses the system via their own code. The photo ID is then scanned, encrypted and **transmitted** to a secure **Image** Data database where it is linked to the consumer's account data. Then the next...

...subscriber, the consumer's image (not the entire license) is securely sent back to the **POS** for instant identity verification.

"The technology wasn't there to do this four or five...

**20/3,K/155 (Item 2 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

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1035324 99-99430

**PHOTO FUROR STIRS PRIVACY DEBATE THE COMPANY THAT MAKES THE ANTI-FRAUD  
SYSTEM SAYS THE PUBLIC WILL SUPPORT IT ONCE THE FACTS ARE CLEAR.**

Hall, Jason

Sarasota Herald Tribune (Sarasota, FL, US) pl.D

PUBL DATE: 990203

WORD COUNT: 704

DATELINE: Tallahassee, FL, US, South Atlantic

TEXT:

...database of all the photos, and merchants who subscribe to the service could, at the **point** of **sale**, check to see whether someone writing a check matches the driver's license photo. It would involve the use of a postage stamp-sized screen, and only the **photo** would be **transmitted**.

The technology concerns many computer fraud experts, who say the system's security could be...

**20/3,K/156 (Item 3 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

0782772 97-41347

**Here's a boss who did the right thing**

Youngblood, Dick

Star Tribune-Minneapolis (Minneapolis, MN, US) pD2

PUBL DATE: 970127

WORD COUNT: 978

DATELINE: Mounds View, MN, US, Midwest

TEXT:

...order in case of a mixup.

> An adaptation of a photo-encryption device that can **transfer** a customer's **photo** and personal data into a bar code that, in turn, can be printed out on a receipt at the **point** of **sale**.

Add it all up and you get a company that has boosted its productivity consistently...

**20/3,K/157 (Item 4 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

(c) 2003 ProQuest Info&Learning. All rts. reserv.

0681261 96-38472

**Your friendly neighborhood electronic banker**

Dougherty, Terri

Marketplace Magazine (Appleton, WI, US), V7 N6 p46

PUBL DATE: 960305

WORD COUNT: 1,585

DATELINE: WI, US, North Central

TEXT:

...automated teller machines," he said, noting that the use of TYME cards to pay for **point -of- sale** purchases also is increasing.

New technology is accepted rapidly by a younger generation which prefers...which need checks returned. Instead of bulky boxes of paper checks arriving, pages of check **images** will be **sent**.

"Consumers are getting away from having their checks mailed with their statements; it's too...

...operating officer of M&I in Appleton.

"We offer the basics, with ACH, TYME and **point -of- sale** cards, and the next leap is the Internet," said Reybrock. "But the way hackers are...

**20/3,K/158 (Item 1 from file: 570)**  
DIALOG(R) File 570:Gale Group MARS(R)  
(c) 2003 The Gale Group. All rts. reserv.

01311961 Supplier Number: 43271523  
**PROFILES OF 35 BEAUTY/FASHION PR FIRMS: BOZELL PR**  
O'Dwyer's PR Services Report, v6, n9, p21  
Sept, 1992  
ISSN: 1043-2957  
Language: English Record Type: Abstract  
Article Type: Company profile  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
Bozell PR (New York) provides a full range of communications services--including retail **point -of- sale** events, marketing PR support, and product and corporate positioning--to its beauty and fashion clients. Product information and **photography** is **sent** continually to lifestyle and fashion magazines, suburban and metropolitan newspapers, and syndicated columnists, to make...

**20/3,K/159 (Item 2 from file: 570)**  
DIALOG(R) File 570:Gale Group MARS(R)  
(c) 2003 The Gale Group. All rts. reserv.

01307176 Supplier Number: 43218884  
**Kodak's Photo CD Makes Bow at Dow Stereo/Video**  
TWICE, v7, n18, p1,43  
August 10, 1992  
ISSN: 0892-7278  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:  
...made available a photo imaging CD workstation, expects 90% of photo finishing outlets to have **image transfer** capabilities by end-1992. The technology, seen as a replacement for slides and projectors, is...

...technology. Photo CD will be sold through consumer electronics outlets and through camera retailers, with **point of sale** materials developed by Kodak. Article, with photos, further describes product.

...

20/3,K/160 (Item 3 from file: 570)  
DIALOG(R)File 570:Gale Group MARS(R)  
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01057484 Supplier Number: 40805206  
**Les Maisons de Cartier promotion in two parts**  
HFD-The Weekly Home Furnishings Newspaper, v63, n22, p55  
May 29, 1989  
ISSN: 0746-7885  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

ABSTRACT:

...dealer display contest and a sell-through incentive plan for counter sales staff. Dealers must **send photos** of Les Maisons de Cartier merchandise displays to the Cartier office in Shelton, CT, by 7/25/89. Displays may be **point -of- sale** or window displays and must be kept in store windows for a minimum of 2...

Set	Items	Description
S1	171	AU={KIM S? OR KIM, S?}
S2	3060739	IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? - OR PHOTOGRAPH?
S3	620186	POS OR POINT(1W)SALE OR PAYPHONE? OR PAY()PHONE? OR KIOSK? OR TERMINAL? ? OR CHECKOUT? OR CHECK()OUT?
S4	304013	RECEIPT? OR INVOICE?
S5	1929631	PRINT? OR INDICIA? OR IMPRESS? OR IMPRINT? OR INSCRIBE? OR INSCRIPT?
S6	4218123	UPLOAD? OR DOWNLOAD? OR TRANSFER? OR TRANSMI? OR SENT OR S- END? OR STORING
S7	68742	S2(3N)S6
S8	1156	S3(S)S7
S9	1	S1 AND S7
S10	53491	S2(3N)S5
S11	3035	S10(5N)(PRODUCT? ? OR GOOD? ? OR ITEM? ? OR WARE? OR MERCH- ANDI? OR THUMBNAI? OR THUMB()NAIL?)
S12	43	S11(S)S3
S13	60044	S2(2N)DIGITAL? ?
S14	5640	S6(5N)S13
S15	1954	S14(15N)(INTERNET OR INTRANET OR WEB? OR HOMEPAGE OR HOME(- )PAGE OR NETWORK? OR WWW OR CYBER? OR LAN OR WAN OR SERVER?)
S16	77	S15(S)(S3 OR S4)
S17	491	S8(10N)(INTERNET OR INTRANET OR WEB? OR HOMEPAGE OR HOME()- PAGE OR NETWORK? OR WWW OR CYBER? OR LAN OR WAN OR SERVER?)
S18	15	S17(10N)(PRODUCT? ? OR GOOD? ? OR ITEM? ? OR WARE? OR MERC- HANDI? OR THUMBNAI? OR THUMB()NAIL?)
S19	131	S18 OR S12 OR S16
S20	68	S19 NOT PY>2001
S21	53	S20 NOT PD=20010217:20031008
S22	45	RD (unique items)

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22/3,K/1 (Item 1 from file: 20)  
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15960341

**Low Voltage 16M S-RAM**

SECTION TITLE: New Technology

KOREA TRADE & INVESTMENT

July 12, 2000

JOURNAL CODE: WKTI LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 121

...compared to other models. Supporting 32-bit data lines at twice the speed of existing **products**, this **product** is ideal for use with IMT-2000 **terminals** that process **Internet** and moving image data communications at high speeds. The adoption of the Multi Chip Package...

22/3,K/2 (Item 2 from file: 20)  
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14947453 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**NET'S SNAPPY SERVICE**

CHRIS TORNEY

EXPRESS, p001

December 19, 2000

JOURNAL CODE: FDE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 433

...snaps via the Internet and from new digital-processing terminals in the High Street. Both **www .bootsphoto.com** and **www .fotango.com** let you **send** your **digital pictures** from your computer to their websites where they appear in specially created online albums.  
You...

22/3,K/3 (Item 3 from file: 20)  
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14938279 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**AJO NET SIGNS MEMORANDA OF AGREEMENT WITH FUJITSU PHILIPPINES**

ASIA PULSE

February 02, 2001

JOURNAL CODE: WAPL LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 219

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Filipino Workers (OFWs).

Through the kiosks users can send e-mail, engage in video conferencing, **send** video mail, take **digital photos**, and surf the **Internet**.

ASIA PULSE

22/3,K/4 (Item 4 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
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14194188 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Gartner Dataquest Says Photo Kiosks to Be a Big Hit With Digital Camera Users**

BUSINESS WIRE

December 12, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 767

... have been used mostly to copy photos. The new photo kiosks allow consumers to input **digital images** or scan photos to print, **upload** to a **Web** page or otherwise communicate their photos.

**22/3,K/5 (Item 5 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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14043630 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**(PR) PhotoChannel Networks Inc. reports fourth quarter and year end results for the period ended September 30, 2000**

PR NEWSWIRE

December 01, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1055

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the PhotoChannel USB CardReader and PC Uploader software enable sophisticated image selection, editing and batch **uploading** of **digital images** from SmartMedia or Compact Flash memory cards directly to the Company's website. ABOUT PHOTOCHANNEL **NETWORKS INC.**

PhotoChannel is an e-commerce and Internet infrastructure company catering to members of The...

**22/3,K/6 (Item 6 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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13871063 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Make a snappy resolution for Christmas**

EXPRESS

November 21, 2000

JOURNAL CODE: FDE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1216

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... prints which are then posted to your home. Some branches of Boots and Jessops have **terminals**, designed by Fujifilm which let you create prints yourself. Just take your digital camera's memory card to the store and put it in a slot on the **terminal**. A screen shows your pictures and you select which ones to print and at what....

**22/3,K/7 (Item 7 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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13530298 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The Big Blue from Haifa has its fingers in many pies**

Gwen Ackerman

JERUSALEM POST

October 29, 2000

JOURNAL CODE: WJPT LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1217

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the system, allowing two physicians to consult the same image simultaneously from two different hospital **terminals** .

Initiated in 1992, the Sheba project is moving into its third stage, which it hopes...

**22/3,K/8 (Item 8 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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12899699 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**NEW TECH**

EVENING STANDARD

September 19, 2000

JOURNAL CODE: FES LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 472

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... ADSL line and a TV or monitor, it can show digital broadcasts and surf the **web** , **download** MP3 files, store **images** from a **digital** camera and print them out, and many other functions. Interestingly, it uses only free, standard...

**22/3,K/9 (Item 9 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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12899697 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**REVIEWS**

EVENING STANDARD

September 19, 2000

JOURNAL CODE: FES LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1088

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... ADSL line and a TV or monitor, it can show digital broadcasts and surf the **web** , **download** MP3 files, store **images** from a **digital** camera and print them out, and many other functions. Interestingly, it uses only free, standard...

**22/3,K/10 (Item 10 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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12674496

**Business Update**

YOMIURI SHIMBUN/DAILY YOMIURI

September 05, 2000

JOURNAL CODE: FYOM LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 2014

... receive 5,000 bonus Marriott Rewards points, a guaranteed early check-in and a later **checkout** time as a result of a joint promotion under way between VISA International (www.visa...

**22/3,K/11 (Item 11 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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12445322 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Photo-Me Intl. - Preliminary Announcement 2000**

REGULATORY NEWS SERVICE

August 17, 2000

JOURNAL CODE: WRNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 4718

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... s leading supplier of flash data storage products, to operate self-service digital photo printing **kiosks** in the USA and Canada. It is intended that DigitalPortal will annually deploy a minimum of 2,000 **kiosks** for 10 years and this will commence in the final quarter of 2000. PMI will be responsible for the manufacture of the **kiosks** at its Grenoble facility and, through its operations in the USA, will also be responsible for the installation and maintenance of the **kiosks**. DigitalPortal will be based in SanDisk's Sunnyvale, California headquarters.

STRATEGY

PMI's strategy is...

**22/3,K/12 (Item 12 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

12349319 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Applied Science Fiction and Pixel Magic Imaging Announce Strategic Alliance Agreement; Companies To Explore Joint Opportunities in Digital Imaging**

BUSINESS WIRE

August 11, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1062

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Ditto kiosks are print and enhancement systems that enable consumers to enlarge, crop, retouch and **print** high quality **photographic prints** as well as other specialty **items** such as announcements and calendars directly from their original prints or negatives. Photo Ditto has long been recognized in the photographic industry as the leader in the digital photo **kiosk** market and has been praised for its open architecture platform and outstanding interactive consumer software...

... ICE and Digital ROC for Flatbed Scanners into Pixel Magic's Photo Ditto print enhancement **kiosks**. Now even consumers with scratched or faded pictures will be able to automatically obtain the...

22/3,K/13 (Item 13 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

12312035 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**SanDisk and Photo-Me Bring Digital Photography to the Mass Consumer Market;  
Two Companies Form New Joint Venture to Produce High Quality Digital  
Film Photo Vending Kiosks for Consumers**  
BUSINESS WIRE  
August 09, 2000  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 989

...cards, floppy disks or CD ROMs into the kiosks. Consumers also will be able to **upload** their personal files of **digital pictures** either from the **kiosk** or from their home PC to the DPI. **Internet** site where the photos can be accessed by friends and relatives. An individual in New...

... to the DPI web site and a relative in San Francisco could visit his local **kiosk** , download the file under a unique user pass key and select what pictures to print...

22/3,K/14 (Item 14 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

12062450 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Innovations**  
David Shamah  
JERUSALEM POST  
July 23, 2000  
JOURNAL CODE: WJPT LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 745

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... how to use your digital/photography equipment to achieve better results. Membership is free, so **check out** the site at <http://photo.cnet.com>.

On-demand CD quality audio streaming with Streaming21...

22/3,K/15 (Item 15 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

11685500 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Future Shop launches North America's most advanced online digital  
photo-finishing service**  
CANADA NEWSWIRE  
June 26, 2000  
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1186

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... for free. In addition, customers can use Future Photo's in-store

preview and select **terminals** to scan and discard unwanted images before they're printed, or use the zoom, enlargement...

**22/3,K/16 (Item 16 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

11033722 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**d-store.com, Sears, Roebuck & Co. and PhotoAccess.Com Broaden Digital  
Photography Consumer Awareness**

PR NEWSWIRE

May 15, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 602

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... stores Customers have until July 31, 2000 to register at PhotoAccess.com to claim free **photo prints** and **merchandise** .

About PhotoAccess

Founded in 1997, PhotoAccess provides partner sites and consumers worldwide with the most...

**22/3,K/17 (Item 17 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

09766077 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Start-Up Firms Jump into Digital-Photo Processing Market**

Roger Yu

KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (SEATTLE TIMES - WASHINGTON)

February 24, 2000

JOURNAL CODE: KSET LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1097

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... version shortly, said spokesman Anthony Sanzio. Its built-in advantage comes from the presence of **kiosks** at some 15,000 retailers, where a customer without a computer or scanner can upload...

**22/3,K/18 (Item 18 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

07212657 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**/R E P E A T/ Business Development Bank of Canada - Venture Capital Firms  
Invest \$5M in G&A Imaging Hull Software Developer and Publisher Funded  
by BDC, Innovatech and Tseng Holdings Further Extends in Reach into  
Global Image Management Market**

CANADA NEWSWIRE

September 14, 1999

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 556

... and communication suite software, allows commercial and consumer users to organize, archive, edit, display, print, **transmit** and receive

**digital images** , including over the **Internet** , with attached sound and text.

**22/3,K/19** (Item 19 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

07153312  
**FAKE 'HELLO KITTY' PRODUCTS SEIZED AT CKS AIRPORT**  
CENTRAL NEWS AGENCY (TAIWAN)  
September 10, 1999  
JOURNAL CODE: FCNA LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 392

...the image of Hello Kitty, the Japanese cartoon cat, has been seized at the cargo **terminal** of Taiwan's Chiang Kai-shek (CKS) International Airport, police said on Friday. The CKS...

**22/3,K/20** (Item 20 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.  
07133779 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Business Development Bank of Canada - Venture Capital Firms Invest \$5M in G&A Imaging**  
CANADA NEWSWIRE  
September 09, 1999  
JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 577

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and communication suite software, allows commercial and consumer users to organize, archive, edit, display, print, **transmit** and receive **digital images** , including over the **Internet** , with attached sound and text.

...The digital imaging software market is being driven by developments  
...

**22/3,K/21** (Item 21 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.  
06123674 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**DISCOVERIES: Kodak DC 240: Digital camera with conventional feel**  
ASIA COMPUTER WEEKLY  
July 05, 1999  
JOURNAL CODE: FACW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 790

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... from deletion.

When at a Kodak Picture Kiosk, this menu also holds the key to **printing thumbnails** , and marking **pictures** for **printing** and editing.

According to Gladys Ngai, regional marketing manager, Digital Applied Imaging, Greater China Region...

22/3,K/22 (Item 22 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

05978743 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Massimo Da Milano Inc. Announces Official Opening of the First Java  
Centrale Internet Cafe in Long Beach, Calif.**  
BUSINESS WIRE  
June 30, 1999  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 658

... without actually carrying them on the shelves. Customers will also  
be able to surf the **Internet**, check e-mail and even **send digital  
photos** of themselves sipping coffee.

22/3,K/23 (Item 23 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

04336706 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Farm Credit Uses BroadVision to Deliver 'Custom Farming' Services**  
PR NEWSWIRE  
February 16, 1999  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 836

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... United States and other countries.  
/NOTE TO EDITORS: Please check out the Media Center at **www  
.farmcredit.com** to **download digital images** and press releases./  
/CONTACT: Shannon Latham of Farm Credit Services for Meyocks & Priebe,  
515-327...

22/3,K/24 (Item 24 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03663562 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Digital Images on the Internet Now a 'Can Do' with New Software; EazyImage  
Professional(R) Saves Time and Money for Shop Owners**  
PR NEWSWIRE  
December 05, 1998  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 851

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... EazyImage Professional is all about," said Rudy Lehman, President  
of B.R.I.N.K. **Kiosk** Corporation.

"EazyImage Professional demonstrates that proprietary networks are  
unnecessary and slow to adapt to change...

22/3,K/25 (Item 25 from file: 20)



DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

03601734 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Perception Ultrasound Announces Addition of Three Dimensional - 3D -  
Imaging System Being Debuted At Annual RSNA Show**

BUSINESS WIRE

November 30, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 509

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... also includes digital image and patient data management and storage functions as well as direct **digital image transmission** and **receipt** over local **networks** , wide area **networks** or, most commonly, the **Internet** via email. Perception Ultrasound's goals are to put high performance imaging tools in the...

**22/3,K/26 (Item 26 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02950325

**Kodak, Intel Define Strategy To Bridge Pictures With Digital Imaging; New  
Product, Test Markets Announced, Additional Efforts Underway**

BUSINESS WIRE

September 28, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1079

... Architecture-based solutions will enable photofinishers to produce Kodak Picture CDs and other film digitization **products** and services, including Kodak **Picture Disks** and **Internet uploads** through Kodak PhotoNet Online and through America Online's "You've Got Pictures!" service scheduled...

**22/3,K/27 (Item 27 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02903139

**New IMP Microprocessor Supervisors Offer 70% Lower Power At 50% Lower  
Prices**

BUSINESS WIRE

September 23, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 873

... call IMP's interactive Shareholder Information Service on 1-888-323-2019. Note to Editors: **Product** photographs are available by calling 408.434.1467. Electronic **images** can be **downloaded** at [www.impweb.com/editor](http://www.impweb.com/editor). CONTACT: IMP, Inc. Barry Wiley, 408/432-9100 (editor) [bhwiley@impinc.com](mailto:bhwiley@impinc.com)...

**22/3,K/28 (Item 28 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

02828826

**Telepix Imaging Heats Up Photography Market With Digital Imaging Solutions**

CANADA NEWSWIRE

September 16, 1998

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1144

... the benefits of FotoClub's online photo archive services. Telepix PhotoStation(TM) - This touch-screen **kiosk** is the affordable nucleus for a retailer's entire digital photo service. Telepix PhotoStation is...

... and enlargements from photos, negatives, slides and digital sources - and it's the only photo **kiosk** on the market that lets customers work seamlessly with their images from a photo network...

... Studio also offers seamless integration with e-mail, the Internet, Telepix Photo Network, Telepix PhotoStation **kiosks** and photo gift production services. This promotes increased interactivity between photo finishers and their customers...

**22/3,K/29 (Item 29 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp.. All rts. reserv.

02828819

**Telepix Imaging Provides Unique Digital Imaging Products And Services For London Drugs Photo Finishing Needs**

CANADA NEWSWIRE

September 16, 1998

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 878

... and more. Telepix has also provided London Drugs with Telepix PhotoStation, a touch screen photo **kiosk** that allows customers of London Drugs to make their own prints and enlargements - an easy...

... the Telepix-created London Drugs Photo Network or e-mail their photos directly from the **kiosk**. A Take-Home Solution For The Customer London Drugs' customers using the Telepix-designed digital...

**22/3,K/30 (Item 30 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

02625779 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Toshiba Group Restructures Copier Business to Advance Business and Take Advantage of Emerging Trends in Digitization**

BUSINESS WIRE

August 27, 1998 6:18

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 586

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... including POS systems; household appliances, including lighting fixtures; and electronic imaging systems, where its main **products** are

facsimiles, **printers** and **image** scanners. In 1994, TEC integrated Toshiba's facsimile and printer operations into its own, positioning...

**22/3,K/31** (Item 1 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2003 Business Wire. All rts. reserv.

00309883 20000627179B1244 (USE FORMAT 7 FOR FULLTEXT)

**buyproduce.com Selects Odyssey Software to Enable B2B E-Commerce in Real-Time; New Technology Extends Internet Power to Pocket PC for Produce Buyers and Sellers**

Business Wire

Tuesday, June 27, 2000 10:49 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 665

...the shipping/receiving process, Pocket PCs will be used to scan and track inventory, capture **digital** images, and **transmit** shipment records to the **buyproduce.com website**. Buyers will be able to download shipment records to their Pocket PCs over the internet...

...taken by the shippers, record any shipping problems, and in real-time notify sellers of **receipt**, by uploading their data to the **buyproduce.com website**.

"This state-of-the-art technology...

**22/3,K/32** (Item 2 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2003 Business Wire. All rts. reserv.

00298651 20000612164B9835 (USE FORMAT 7 FOR FULLTEXT)

**Conexant and Philsar Join Forces to Develop Industry's Most Comprehensive Family of Bluetooth Solutions**

Business Wire

Monday, June 12, 2000 06:22 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,084

...into products from multiple divisions, and develop Bluetooth-enabled semiconductors for a variety of communications **products** including cable modems, home **networking products**, digital imaging devices and advanced mobile **terminals** supporting voice and data services. Combined with Philsar's world-class Bluetooth portfolio, Conexant's...

**22/3,K/33** (Item 3 from file: 610)

DIALOG(R)File 610:Business Wire

(c) 2003 Business Wire. All rts. reserv.

00287091 20000524145B7978 (USE FORMAT 7 FOR FULLTEXT)  
**SanDisk CompactFlash Cards Find New Home in Weave Innovation's StoryBox Smart Picture Frame**

Business Wire

Wednesday, May 24, 2000 09:34 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 610

TEXT:

...CompactFlash card slots including digital cameras, handheld computers, MP3 Internet players, printers, vehicle navigation systems, **pay phones** and medical monitors. We expect that over time, these digital picture frames will become very...

...view

and share pictures with friends and family. Also because of the design decision, our **product** is the only **internet** enabled **picture** frame that can **send** and print **digital pictures** without the aid of a PC."

**22/3,K/34 (Item 4 from file: 610)**

DIALOG(R)File 610:Business Wire

(c) 2003 Business Wire. All rts. reserv.

00268478 20000501122B8921 (USE FORMAT 7 FOR FULLTEXT)

**PhotoAccess Launches Retail and e-Tail Promotions to Reach Digital Photo Customers at the Point of Purchase; First Promotion Partners are Sears, Roebuck and Co. and d-store.com**

Business Wire

Monday, May 1, 2000 08:20 EDT

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,036

...2000, across its 860 full-line stores. Sears will promote the offer using in-store, **point -of- sale** materials as well as newspaper pre-prints reaching 40 million consumers. Customers have until July 31, 2000 to register at PhotoAccess.com to claim free **photo prints** and **merchandise** .

"Sears is known for providing great value on products and services," said Chuck Cebuhar, vice...

**22/3,K/35 (Item 1 from file: 613)**

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00385808 20000731SFM107 (USE FORMAT 7 FOR FULLTEXT)

**Liquid Audio Reports Second-Quarter 2000 Results: 364% Revenue Growth And Strong Cash Position**

PR Newswire

Monday, July 31, 2000 16:15 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,522

TEXT:

...and Europe; digital  
distribution agreements with major record labels in Germany and Japan;  
digital  
music **kiosk** deployments in Germany, Austria and Singapore; and its  
selection  
by EMI Recorded Music to provide software and services for EMI's **digital  
download** trial.

( **Photo** : [http:// www .newscom.com/cgi-bin/prnh/19990915/LQIDLOGO](http://www.newscom.com/cgi-bin/prnh/19990915/LQIDLOGO) )  
Total net revenues for the second quarter were...

**22/3,K/36 (Item 2 from file: 613)**

DIALOG(R)File 613:PR Newswire

(c) 2003 PR Newswire Association Inc. All rts. reserv.

00166971 19990823SFM110 (USE FORMAT 7 FOR FULLTEXT)

**Yahoo! Digital to Promote and Sell Liquid Audio Digital Downloads**

PR Newswire

Monday, August 23, 1999 07:55 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 657

TEXT:

...today. Yahoo! joins the more than  
200 affiliate Web sites in the Liquid(TM) Music **Network** where consumers  
can  
buy music from Liquid Audio's extensive catalog via **digital download** .

( **Photo** : [http:// www .newscom.com/cgi-bin/prnh/19990429/LIQUIDAUDIO](http://www.newscom.com/cgi-bin/prnh/19990429/LIQUIDAUDIO) )  
Liquid Audio software provides fans and musicians visiting...

...on the  
Internet. Users who download the free Liquid(TM) Player software can  
sample  
music, **check out** lyrics and liner notes, and securely purchase and  
download  
Internet singles right to their PC...

**22/3,K/37 (Item 1 from file: 813)**

DIALOG(R)File 813:PR Newswire

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1353608

NYFNST04

**The Season's Most Talked About Photo Greeting Cards Now at iPrint.com**

DATE: October 8, 1998

04:49 EDT

WORD COUNT: 424

...adding some personality to their cards with funny sayings, graphics, and  
personalized family greetings."

To **check out** the most unique photo greeting cards you'll see this  
season, click on: [http:// www .iprint.com/cgi-shl/showinfo.cgi?shop 100&raw  
pgc samples](http://www.iprint.com/cgi-shl/showinfo.cgi?shop 100&raw pgc samples)

Consumers can **upload** a single **digital photo** or create a themed collage, and for fun, they can decorate the card with text...

22/3,K/38 (Item 2 from file: 813)  
DIALOG(R) File 813:PR Newswire  
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1174782 LAM016  
**Polaroid to Showcase New Products, Professional Digital Scanning Demonstrations and Creative Uses Techniques**

DATE: October 27, 1997 10:01 EST WORD COUNT: 448

New **Product** Highlights Include All-New Inkjet **Photographic** Paper, Make a

**Print** Interactive **Photo Kiosk** and SX-70 Time Zero base for Daylab II --

For PhotoPlus Trade Show October 30...

...brands.

developed exclusively by Polaroid scientists/chemists to

produce the look and feel of a **photographic print**

**product** is superior to most photo papers available today.

Make a Print Interactive Photo **Kiosk**

all-in-one digital solution for copy prints.

intuitive display walks customers through each step to

create one-of-a-kind creative images.

**Kiosk** product is firing up competition in Interactive

market.

SprintScan 45 Pro with binuscan PhotoPerfect Master integrated software application for high-productivity scanning...

22/3,K/39 (Item 3 from file: 813)  
DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1059025 PPTH005  
**Florida Fun-Train to Use PhotoWave Digital Photography System**

DATE: February 20, 1997 07:30 EST WORD COUNT: 394

... use of its unique PhotoWave Surfboard(TM) access card and PhotoWave Customer Viewing Station(TM) **kiosks**, Florida Fun-Train guests can view their pictures, choose a variety of backgrounds, and select from a multitude of **photographic products**, including **prints**, t-shirts, hats, postcards, and mugs.

"The Florida Fun-Train is a perfect environment for...

22/3,K/40 (Item 4 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0275336 DC021  
**AGENCE FRANCE-PRESSE TO OPERATE FIRST DIGITAL PHOTO NETWORK**

DATE: June 7, 1990 15:29 EDT WORD COUNT: 470

...Charles-Louis Havas, is the world's oldest news agency.

Using the latest technology in digital image transmission broadcast, the new "DITB" network enables a photo to be sent digitally from the origin of the event directly into the client's electronic darkroom, such as AFP's Image Terminal . The compression standards and protocol used function within proposed ANPA-IPTC format standards.

The most...

22/3,K/41 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05488047 SUPPLIER NUMBER: 57902572 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Let's All Get Along : Your refrigerator and oven are about to get into a heated debate. (Technology Information)

Currier, Bob  
PC/Computing, 82  
Jan, 2000

ISSN: 0899-1847 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 561 LINE COUNT: 00048

... your appliances into a Jini-capable power-line network; dock your digital camera into a photo kiosk for instant prints .  
Prognosis: Fair to good , though Sun isn't getting a ton of backers.  
More Info: [www.jini.org](http://www.jini.org)  
UPnP...

22/3,K/42 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

05474952 SUPPLIER NUMBER: 57563615 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Digital Shutterbugs, Unite! (Technology Information) (Tutorial)**

Holzberg, Carol S.  
Technology & Learning, 20, 3, 52  
Oct, 1999

DOCUMENT TYPE: Tutorial ISSN: 1053-6728 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 641 LINE COUNT: 00058

TEXT:

...optical vs. digital zoom," "megapixel," "CCD," and "lag time" send you running for a dictionary, check out the Internet. You'll find sites with jargon-free definitions of complex camera terms, answers to frequently asked questions about film and filmless cameras, product reviews, tips on

downloading digital images into the computer, advice on image editing, plus information on the history of photography. Our Web favorites include:

22/3,K/43 (Item 3 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

04240538 SUPPLIER NUMBER: 16626774 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Manage image files without clogging your network. (Northpoint Software  
CompassPoint) (New & Improved) (Product Announcement) (Brief Article)**  
Somers, Asa  
PC Magazine, v14, n5, p66(1)  
March 14, 1995  
DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0888-8507  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 174 LINE COUNT: 00024

... handle up to 100,000 scanned images and manage their use across any Windows-compatible network. To reduce network activity caused by transferring huge image files, CompassPoint disseminates compressed "thumbnail" images to users for browsing. Fifteen searchable fields travel with each thumbnail, providing users with...

22/3,K/44 (Item 4 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2003 The Gale group. All rts. reserv.

03391993 SUPPLIER NUMBER: 08333870 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The latest desktop contender. (X terminals) (Systems - Terminals)**  
McMullen, John  
Datamation, v36, n7, p63(3)  
April 1, 1990  
ISSN: 1062-8363 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2584 LINE COUNT: 00204

... minicomputer as a server and a few Sun SPARCstations.  
Last July, Digital introduced its DECwindows terminal, seeing it as a window to Digital workstation sales. Digital's display terminals, which are now shipping, will support both DECwindows and X Window Systems applications. "We're says George Wright, a product manager at Digital's video image printing systems group in Westford, Mass. Digital expects that tremendous X-terminal interest will signal a rebirth of the lagging terminal business by 1991.

Potentially, the biggest plus yet for IS management may be the ability...

22/3,K/45 (Item 5 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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02510864 SUPPLIER NUMBER: 03234833 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PC steps toward 370, Disoss.**  
Whitmore, Sam  
PC Week, v1, p5(1)  
April 24, 1984  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT



WORD COUNT: 516 LINE COUNT: 00040

... in Level 3 documents. Level 2 documents can be viewed--but not edited--on 3270 **terminals** using the Disoss Host Document View Facility. They also can be viewed on the 5520...

...the Displaywriter. Level 2 documents also can be sent directly to the IBM 6670 laser **printer** and the Scanmaster **image** processor.

Other IBM **products** eventually this month announced its intent to allow Series/1 mini-Computers to access Disoss...

Set	Items	Description
S1	1859	AU=(KIM S? OR KIM, S?)
S2	500771	IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? - OR PHOTOGRAPH?
S3	17525	POS OR POINT(1W) SALE OR PAYPHONE? OR PAY()PHONE?
S4	218699	RECEIPT? OR INVOICE?
S5	236532	PRINT? OR INDICIA? OR IMPRESS? OR IMPRINT? OR INSCRIBE? OR INSCRIPT?
S6	961572	UPLOAD? OR DOWNLOAD? OR TRANSFER? OR TRANSMI? OR SENT OR S- END? OR STORING
S7	49664	S2(3N)S6
S8	79	S3(S)S7
S9	1	S1 AND S8
S10	29921	S5(2N)S2
S11	664	S10(5N)(PRODUCT? ? OR GOODS OR ITEM? ? OR MERCHANDI? OR TH- UMBNAIL? OR THUMB()NAIL? ?)
S12	16	S11(S)(S3 OR TERMINAL? ? OR CHECKOUT? OR CHECK()OUT)
S13	27734	S2(2N)(DIGITAL? OR ELECTRONIC?)
S14	3733	S13(5N)S6
S15	387	S14(25N)(INTERNET OR LAN OR INTRANET OR WEB? OR HOMEPAGE OR SERVER? ?)
S16	21	S15(S)(S3 OR S4)
S17	114	S8 OR S9 OR S12 OR S16
S18	27	S17 AND IC=G06F-017/60

? show file

File 349:PCT FULLTEXT 1979-2002/UB=20031002,UT=20030925

(c) 2003 WIPO/Univentio

File 348:EUROPEAN PATENTS 1978-2003/Sep W04

(c) 2003 European Patent Office

18/3,K/1 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

01030703 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ELECTRONIC CHECK CONVERSION AT A POINT-OF-SALE  
TERMINAL**

**SYSTEME ET PROCEDE POUR CONVERSION EN CHEQUE ELECTRONIQUE A UN TERMINAL  
POINT DE VENTE**

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Street, Armonk,  
NY 10504, US, US (Residence), US (Nationality)

Inventor(s):

HAYES Jeffery Alan, 1990 Bois De Arc Lane, Fayetteville, AR 72703, US,

GEORGE John L, 184 W. Andrew Avenue, Springdale, AR 72764, US,

RAEZER Mark Evans, 134 San Jose Drive, Springdale, AR 72764, US,

Legal Representative:

TUCHMAN Ido (et al) (agent), 69-60 108 Street, Suite 503, Forest Hills,  
NY 11375, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200360749 A1 20030724 (WO 0360749)

Application: WO 2002US18361 20020520 (PCT/WO US0218361)

Priority Application: US 200238033 20020102

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 6683

International Patent Class: G06F-017/60 ...

Fulltext Availability:

Detailed Description

Detailed Description

... the register is utilized as a total amount required to complete the transaction at the **point -of- sale** system 10. Also, keyboard 20 may be utilized to enter information regarding ...information scanned by check reader 22 is temporarily stored in the printer's memory 28. **Storing** the digitized **image** in the printer's memory eliminates the need to have the **image transferred** to and stored in system memory 28 and later transferred back to the printer. Processor...

18/3,K/2 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00949149 \*\*Image available\*\*

**SYSTEM AND METHOD FOR PREDELIVERY NOTIFICATION USING MAIL IMAGE**

**SYSTEME ET PROCEDE D'AVIS DE PRELIVRAISON AU MOYEN D'UNE IMAGE DE PIECE  
POSTALE**

Patent Applicant/Assignee:

UNITED STATES POSTAL SERVICE, 475 L'Enfant Plaza, S.W., Washington, DC  
20005-3315, US, US (Residence), US (Nationality), (For all designated

states except: US)  
Patent Applicant/Inventor:  
AMATO Michael J, 11939 Sentinel Point Court, Reston, VA 20191-4831, US,  
US (Residence), US (Nationality), (Designated only for: US)  
Legal Representative:  
GARRETT Arthur S (et al) (agent), Finnegan, Henderson, Farabow, Garrett &  
Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315, US,  
Patent and Priority Information (Country, Number, Date):  
Patent: WO 200282225 A2-A3 20021017 (WO 0282225)  
Application: WO 2002US11060 20020409 (PCT/WO US0211060)  
Priority Application: US 2001282158 20010409  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 5118

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... example, a digital scanner  
or digital OCR camera may capture the image and encode the **image** as a  
**digital** file.

[036] **Image** 225 is **sent** to a **server** 230 for storage and display.

Triggered by **receipt** of image 225, **server** 230 notifies the addressee  
located at computer unit 240 of mail piece 21 0 that...

18/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00931303 \*\*Image available\*\*

**METHOD OF AND SYSTEM FOR TRACKABLE ELECTRONIC DELIVERY FOR INVOICES  
PROCEDE ET SYSTEME D'ENVOI ELECTRONIQUE POUVANT ETRE SUIVI DE FACTURES**

Patent Applicant/Assignee:

SWARM TECHNOLOGIES PTY LTD, 16 Studley Road, Ivanhoe, Victoria 3079, AU,  
AU (Residence), AU (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

CRANITCH Steve, 19 Douglas Street, Greenslopes, Queensland 4120, AU, AU  
(Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

CARTER Chris John (et al) (agent), DAVIES COLLISON CAVE, Level 10, 10  
Barrack Street, Sydney, New South Wales 2000, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200265349 A1 20020822 (WO 0265349)

Application: WO 2002AU132 20020212 (PCT/WO AU0200132)

Priority Application: AU 20013027 20010212

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10479

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... not be displayed to the

1 5 recipient without information being made available to the **sender**  
that the **image** format **electronic invoice** has been displayed to the  
recipient.

Preferably, the sender is able to access a **web** -site which displays the  
status of delivery of the electronic **invoice** .

According to a fifth preferred embodiment of the present invention, there  
is provided a combination...electronic invoice to an image format  
electronic invoice with associated recipient details;  
network infrastructure to **transmit** the **image** format **electronic**  
**invoice** to a **server** from a sender terminal at the request of the  
**sender** , the **image** format **electronic invoice**  
having an associated unique tracking number;  
software to produce a trackable electronic **invoice** at the **server** or  
the sender terminal, the trackable electronic **invoice** incorporating at  
least a link to the image format electronic **invoice** , the associated  
recipient details and the unique tracking  
number;  
network infrastructure to transmit the trackable electronic **invoice** to  
the recipient  
terminal from the server or the sender terminal;  
software for the recipient...

...trackable electronic document at the recipient terminal, and upon the  
recipient opening the trackable electronic **invoice** , a recipient  
terminal display to display the image format electronic **invoice** to the  
recipient;

1 5 and

whereby, the image format electronic **invoice** can not be displayed to  
the  
recipient without information being made available to the sender that the  
image format electronic **invoice** has been displayed to the recipient.

2o 20. The system as claimed in claim 19...

18/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00904282 \*\*Image available\*\*

METHODS AND APPARATUS FOR INTELLIGENT SELECTION OF GOODS AND SERVICES IN  
TELEPHONIC AND ELECTRONIC COMMERCE

**PROCEDES ET APPAREIL PERMETTANT UNE SELECTION INTELLIGENTE DE BIENS ET DE SERVICES POUR UN COMMERCE TELEPHONIQUE ET ELECTRONIQUE**

Patent Applicant/Assignee:

WEST DIRECT INC, 11808 Miracle Hills Drive, Omaha, NE 68154, US, US  
(Residence), US (Nationality)

Inventor(s):

KATZ Ronald A, 570 South Mapleton Drive, Los Angeles, CA 90024, US,  
WEST Gary L, 9746 Ascot Drive, Omaha, NE 68114, US,  
BARKER Thomas B, 708 North 164th Street, Omaha, NE 68118, US,

Legal Representative:

FWLER Charles C (agent), Lyon & Lyon LLP, 633 West Fifth Street, Suite  
4700, Los Angeles, CA 90071-2066, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200237926 A2 20020516 (WO 0237926)

Application: WO 2001US42729 20011015 (PCT/WO US0142729)

Priority Application: US 2000691392 20001017

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 20327

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... such as a printer 172, such as to provide a permanent transaction record or to **print images** regarding proffered 1 5 **goods** or services may be included. Similarly, a facsimile machine 174 may be included, and may...

...be a termin of limitation, but rather of generic description, to be an intermediate or **terminal** node or contact point in the effecting of the electronic 2 5 provision of goods...

**18/3,K/5 (Item 5 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00893468 \*\*Image available\*\*

**SYSTEM AND METHOD FOR MAKING MONETARY TRANSACTIONS WITHIN A COVERAGE AREA**  
**SYSTEME ET PROCEDE D'EFFECTUER DES TRANSACTIONS MONETAIRES DANS UNE ZONE DE COUVERTURE**

Patent Applicant/Assignee:

VIRTUALTRAK INC, 7515 Del Mar Lane, La Palma, CA 90623, US, US  
(Residence), US (Nationality)

Inventor(s):

LANCOS Kenneth J, 12 Ramada, Irvine, CA 92620, US,  
LAND Thomas J, 1996 Willow Tree Court, Thousand Oaks, CA 91362, US,

Legal Representative:

FOUNTAIN George L (et al) (agent), Blakely, Sokoloff, Taylor & Zafman,  
7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200227623 A1 20020404 (WO 0227623)  
Application: WO 2001US30751 20011001 (PCT/WO US0130751)  
Priority Application: US 2000236576 20000929; US 2001965953 20010928  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 13156

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... related to a digital photograph of said 3 guest, and wherein said processor causes a **transmission** of said guest **photograph** to said 4 **POS** system by way of said network interface. 1 26, A guest data object stored in...

18/3,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00891458 \*\*Image available\*\*

POINT OF SALE TERMINAL

TERMINAL DE POINT DE VENTE

Patent Applicant/Assignee:

SOMA NETWORKS INC, 185 Berry St., Suite 2000, San Francisco, CA 94107, US  
, US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

SNELGROVE W Martin, SOMA Networks, Inc., 312 Adelaide St. West, Suite  
700, Toronto, Ontario M5V 1R2, CA, CA (Residence), CA (Nationality),  
(Designated only for: US)

STUMM Michael, SOMA Networks, Inc., 312 Adelaide St. West, Suite 700,  
Toronto, Ontario M5V 1R2, CA, CA (Residence), CA (Nationality),  
(Designated only for: US)

LONG Everitt, SOMA Networks, Inc., 312 Adelaide St. West, Suite 700,  
Toronto, Ontario M5V 1R2, CA, CA (Residence), CA (Nationality),  
(Designated only for: US)

Legal Representative:

STRATTON Robert P (agent), SOMA Networks, Inc., 312 Adelaide St. West,  
Suite 700, Toronto, Ontario M5V 1R2, CA,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200225606 A2-A3 20020328 (WO 0225606)

Application: WO 2001CA1345 20010920 (PCT/WO CA0101345)

Priority Application: US 2000234169 20000920; CA 2356716 20010905; CA  
2356714 20010905

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 10848

International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... be provided by credit identifier 22 or from a database within financial services provider 36 - **downloading** a **picture** for visual recognition. Additionally, if one of the attached data devices 84 is a web camera, **POS** terminal 24 could **upload pictures** of the customer to a central registry within financial services provider 36 for future use...

**18/3,K/7 (Item 7 from file: 349)**  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00837082 \*\*Image available\*\*

**INTERACTIVE TOY APPLICATIONS**

**APPLICATIONS POUR JOUETS INTERACTIFS**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

GABAI Oz, 156 Jabotinsky Street, 62330 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

GABAI Jacob, 14 Klee Street, 62336 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

WEISS Nathan, 7A Meltzer Street, 76285 Rehovot, IL, IL (Residence), IL (Nationality), (Designated only for: US)

SANDLERMAN Nimrod, 44 Churgin Street, 52356 Ramat Gan, IL, IL (Residence), IL (Nationality), (Designated only for: US)

PFEFFER Zvika, 10 Bezalel Street, 64683 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

YURAN Noam, 28 Groniman Street, 69972 Tel Aviv, IL, IL (Residence), IL (Nationality), (Designated only for: US)

ROSENFELD Sherman, 13 Chish Street, 76225 Rehovot, IL, IL (Residence), IL (Nationality), (Designated only for: US)

VECHT-LIFSCHITZ Susan Eve, c/o Sanford T. Colb, P.O. Box 2273, 76122 Rehovot, IL, IL (Residence), GB (Nationality), (Designated only for: US)

Legal Representative:

COLB Sanford T (et al) (agent), Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot, IL,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200170361 A2-A3 20010927 (WO 0170361)

Application: WO 2001IL268 20010320 (PCT/WO IL0100268)

Priority Application: US 2000192011 20000324; US 2000192012 20000324; US 2000192013 20000324; US 2000192014 20000324; US 2000193697 20000331; US 2000193699 20000331; US 2000193702 20000331; US 2000193703 20000331; US 2000193704 20000331; US 2000195861 20000407; US 2000195862 20000407; US 2000195863 20000407; US 2000195864 20000407; US 2000195865 20000407; US 2000195866 20000407; US 2000196227 20000410; US 2000197573 20000417; US 2000197576 20000417; US 2000197577 20000417; US 2000197578 20000417; US



2000197579 20000417; US 2000200508 20000428; US 2000200513 20000428; US  
 2000200639 20000428; US 2000200640 20000428; US 2000200641 20000428; US  
 2000200647 20000428; US 2000203175 20000508; US 2000203177 20000508; US  
 2000203182 20000508; US 2000203244 20000508; US 2000204201 20000515; US  
 2000204200 20000515; US 2000207126 20000525; US 2000207128 20000525; US  
 2000208105 20000526; US 2000208390 20000530; US 2000208391 20000530; US  
 2000208392 20000530; US 2000209471 20000605; US 2000210443 20000608; US  
 2000210445 20000608; US 2000212696 20000619; US 2000215360 20000630; US  
 2000216237 20000705; US 2000216238 20000705; US 2000217357 20000712; US  
 2000219234 20000718; US 2000220276 20000724; US 2000221933 20000731; US  
 2000223877 20000808; US 2000227112 20000822; US 2000229371 20000830; US  
 2000229648 20000831; US 2000231105 20000908; US 2000231103 20000908; US  
 2000234883 20000925; US 2000234895 20000925; US 2000239329 20001010; US  
 2000253362 20001127; US 2000250332 20001129; US 2000254699 20001211; US  
 2001267350 20010208

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
 SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
 (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
 (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
 (EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 103613

...International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... flowchart illustration of the communication functionality of

Fig. 134;

Fig. 137 is a simplified partly **pictorial** partly schematic illustration  
 of an inter-toy communication system comprising an interactive toy  
 operative for...a

preferred embodiment of the present invention;

Fig. 302 is a simplified flowchart of a **point** of **sale** functionality  
 of the interactive

toy system of Fig. 301;

Figs. 303A-304 are simplified schematic...

**18/3,K/8 (Item 8 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

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00829942 \*\*Image available\*\*

**KIOSK APPARATUS AND METHOD FOR GATHERING OF AND TRANSMITTING IMAGE DATA**

**KIOSQUE ET PROCEDE DE COLLECTE ET DE TRANSMISSION DE DONNEES**

Patent Applicant/Assignee:

WOWPOST COM INC, 336 West 71st Street 1R, New York, NY 10023, US, US

(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

BIDUN Michael L, 336 West 71st Street 1R, New York, NY 10023, US, US

(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

WENTSLER Stephen S (et al) (agent), Dinsmore & Shohl LLP, 1900 Chemed

Center, 255 East Fifth Street, Cincinnati, OH 45202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200163518 A2-A3 20010830 (WO 0163518)  
Application: WO 2001US40161 20010223 (PCT/WO US0140161)  
Priority Application: US 2000512579 20000224  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 10096

Main International Patent Class: G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... issue of the PCT Gazette.

Published.

- without international search report and to be republished  
upon receipt of that report

KIOSK APPARATUS AND METHOD FOR GATHERING AND  
TRANSMITTING DATA

Michael L. Bidun...

...to data transmission, and more particularly to a multimedia kiosk  
vending device for obtaining a digital photo, video image or audio  
digital and uploading the information for simultaneous transmission to  
a remote location or for storage on a remote location for later retrieval  
via the Internet.

BACKGROUND OF THE INVENTION

Conventional digital capture devices typically include a limited internal  
memory unit...

18/3,K/9 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00810288 \*\*Image available\*\*

METHOD AND SYSTEM FOR ELECTRONIC DISTRIBUTION AND COLLECTION OF SURVEY  
INFORMATION

PROCEDE ET SYSTEME DE DISTRIBUTION ET DE COLLECTE ELECTRONIQUE DES  
INFORMATIONS CONTENUES DANS DES ENQUETES

Patent Applicant/Assignee:

TOUCHPAK INC, 4th Floor, 609 Greenwich Street, New York, NY 10014, US, US  
(Residence), US (Nationality)

Inventor(s):

CHEN Chun-Wei, Apartment #1, 110 Jefferson Street, Hoboken, NJ 07030, US,

Legal Representative:

FLYNN Kevin E (agent), Daniels & Daniels, P.A., P.O. Drawer 12218,  
Research Triangle Park, NC 27709, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200142873 A2-A3 20010614 (WO 0142873)

Application: WO 2000US33388 20001207 (PCT/WO US0033388)  
Priority Application: US 99458621 19991210  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 25737

Main International Patent Class: G06F-017/60  
Fulltext Availability:  
Detailed Description

Detailed Description

... process of disposable diaper buyers. The respondent would also be a  
prime candidate for a **point -of- sale** rebate on a package of diapers  
(from the marketer's employer) upon completion of the...

...necessary input or output capacities (touch screen, camera, suitable  
display screen, necessary Memory to handle , **downloaded images** ,  
headphones, etc. ).  
Not every device at a particular queuing location would necessarily have  
the particular...

18/3,K/10 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00806392

**TECHNOLOGY SHARING DURING ASSET MANAGEMENT AND ASSET TRACKING IN A  
NETWORK-BASED SUPPLY CHAIN ENVIRONMENT AND METHOD THEREOF  
PARTAGE TECHNOLOGIQUE LORS DE LA GESTION ET DU SUIVI DU PARC INFORMATIQUE  
DANS UN ENVIRONNEMENT DU TYPE CHAINE D'APPROVISIONNEMENT RESEAUTE, ET  
PROCEDE ASSOCIE**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

MIKURAK Michael G, 108 Englewood Blvd., Hamilton, NJ 08610, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th Floor,  
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139086 A2 20010531 (WO 0139086)

Application: WO 2000US32310 20001122 (PCT/WO US0032310)

Priority Application: US 99444653 19991122; US 99447623 19991122

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 156214

Main International Patent Class: G06F-017/60

18/3,K/11 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00803948 \*\*Image available\*\*

**METHOD OF AND SYSTEM FOR ENABLING BRAND-IMAGE COMMUNICATION BETWEEN VENDORS AND CONSUMERS**

**PROCEDE ET SYSTEME PERMETTANT DE COMMUNIQUER UNE IMAGE DE MARQUE ENTRE DES VENDEURS ET DES CONSOMMATEURS**

Patent Applicant/Assignee:

IPF INC, Soundview Plaza, 1266 East Main Street, Stamford, CT 06902, US,  
US (Residence), US (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

PERKOWSKI Thomas J, 10 Waldon Road, Darien, CT 06820, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

PERKOWSKI Thomas J (agent), Thomas J. Perkowski, P.C., Soundview Plaza,  
1266 East Main Street, Stamford, CT 06902, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200137540 A2-A3 20010525 (WO 0137540)

Application: WO 2000US31757 20001117 (PCT/WO US0031757)

Priority Application: US 99441973 19991117; US 99447121 19991122; US  
99465859 19991217; US 2000483105 20000114; US 2000599690 20000622; US  
2000641908 20000818; US 2000695744 20001024

Parent Application/Grant:

Related by Continuation to: US 99441973 19991117 (CIP); US 99447121  
19991122 (CIP); US 99465859 19991217 (CIP); US 2000483105 20000114  
(CIP); US 2000599690 20000622 (CIP); US 2000641908 20000818 (CIP); US  
2000695744 20001024 (CIP)

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 116871

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

Claim

... to provide a resultant FOV for the kiosk. Each digital image is  
time-stamped and **transferred** to an **image** buffer for preprocessing in  
a manner well known in the art- Details on digital image...server on the  
LAN or WAN for comparison with sales information collected at  
retailer-operated **POS** stations. As indicated in the report of Fig.  
3A24, the server can be analysis the...

18/3,K/12 (Item 12 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00783265 \*\*Image available\*\*

**E COMMERCE SYSTEM**

**SYSTEME DE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

E COM INDUSTRIES, Level 3, 2 Glen Street, Milsons Point, NSW 2061, AU, AU  
(Residence), AU (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

DEAKER Graeme, E Com Industries, Level 3, 2 Glen Street, Milsons Point,  
NSW 2061, AU, AU (Residence), AU (Nationality), (Designated only for:  
US)

DEAKER Michelle, E Com Industries, Level 3, 2 Glen Street, Milsons Point,  
NSW 2061, AU, AU (Residence), AU (Nationality), (Designated only for:  
US)

DEAKER John, E Com Industries, Level 3, 2 Glen Street, Milsons Point, NSW  
2061, AU, AU (Residence), AU (Nationality), (Designated only for: US)

MARTHAM James, E Com Industries, Level 3, 2 Glen Street, Milsons Point,  
NSW 2061, AU, AU (Residence), AU (Nationality), (Designated only for:  
US)

Legal Representative:

GRIFFITH HACK (agent), GPO Box 4164, Sydney, NSW 2001, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116813 A1 20010308 (WO 0116813)

Application: WO 2000AU1016 20000828 (PCT/WO AU0001016)

Priority Application: AU 992506 19990827

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 9724

Main International Patent Class: G06F-017/60

Fulltext Availability:

Claims

**Claim**

... the Internet which interacts directly with the system (in  
store).

4 Via a merchant's **point of sale** system (where such  
merchant has centralised database systems) to a merchants  
central database for redemption...

...Layer (SSL) protocol.

The system also preferably includes a means enabling  
redemption from in-store **point of sale**. This may include  
telephone access to an interactive voice operation. It may  
also include a...

...a bank network) to the system. It may also include  
a Web interface from the **point of sale** to the system or

directly through the merchant's network where centralised to the system...merchant, e.g. a logo, a particular promotion graphic. The system preferably includes a database **storing** designated merchant **image** data. The image data is provided to determine the appearance of the gift voucher associated...

**18/3,K/13 (Item 13 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00777992 \*\*Image available\*\*

**POINT OF SALE PAYMENT TERMINAL**

**TERMINAL DE PAIEMENT POUR POINT DE VENTE**

Patent Applicant/Assignee:

FIRST DATA CORPORATION, 401 Hackensack Avenue, Hackensack, NJ 07601, US,

US (Residence), US (Nationality)

Inventor(s):

TEMPLETON Randy, 5119 Patrick Henry, Houston, TX 77401, US

MOLLETT Sandy, 1507-A Harold, Houston, TX 77006, US

SMITH David Wayne, 4730 Rainbow Run, Sugarland, TX 77479, US

Legal Representative:

CURCURI Jeremy J, Brooks & Kushman, 1000 Town Center, 22nd floor,

Southfield, MI 48075, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200111528 A1 20010215 (WO 0111528)

Application: WO 2000US21772 20000809 (PCT/WO US0021772)

Priority Application: US 99147899 19990809

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8100

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... block 164).

. The terminal sends requested images to the gateway (block 166).

8. The requested **images** are **transferred** from the terminal and placed in a directory on the **POS** gateway (block 168).

9. End of Transmission: The terminal disconnects (block 170).

It is appreciated...

Claim

... a paper check.

12 A method of electronic check conversion for use with an integrated **point of sale** payment terminal for processing multiple payment types including payment by check, the payment terminal being located at the **point of sale** during use to allow a store merchant to accept multiple payment types, the payment terminal...

...status of the transaction based on the set of image rules; and immediately requesting the **transferring** of the **image** from the payment terminal to the host when the image status is required, otherwise, allowing the payment terminal to **transfer** the **image** to the host, if at all, when the payment terminal is idle.

. An integrated **point of sale** payment terminal for processing multiple payment types including payment by debit, payment by credit, payment by smart card, and payment by check, the payment terminal being located at the **point of sale** during use to allow a store merchant to accept multiple payment types, the payment terminal...

18/3,K/14 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00515354 \*\*Image available\*\*

**METHODS AND APPARATUS FOR INTELLIGENT SELECTION OF GOODS AND SERVICES IN TELEPHONIC AND ELECTRONIC COMMERCE**

**METHODES RELATIVES A UNE SELECTION INTELLIGENTE DE BIENS ET DE SERVICES POUR COMMERCE TELEPHONIQUE ET ELECTRONIQUE ET DISPOSITIF CORRESPONDANT**

Patent Applicant/Assignee:

KATZ Ronald A,

Inventor(s):

KATZ Ronald A,

WEST Gary L,

BARKER Thomas B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9946706 A1 19990916

Application: WO 99US4179 19990226 (PCT/WO US9904179)

Priority Application: US 9838399 19980311

Designated States: CA JP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 25028

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... such as a printer 172, such as to provide a permanent transaction record or to **print images** regarding proffered **goods** or services may be included. Similarly, a facsimile machine 174 may be included, and may ...

...term of limitation, but rather of generic description, to be an intermediate or 1 0 **terminal** node or contact point in the effecting of the electronic provision of goods or services...

18/3,K/15 (Item 15 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
(c) 2003 WIPO/Univentio. All rts. reserv.

00466826     \*\*Image available\*\*

**FINANCIAL TRANSACTION PROCESSING SYSTEMS AND METHODS**

**PROCEDES ET SYSTEMES DE TRAITEMENT DE TRANSACTIONS FINANCIERES**

Patent Applicant/Assignee:

DIRECT EXPRESS L L C,

Inventor(s):

KROUSE Louis J,

STROVINK Eric F,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9857291 A2 19981217

Application: WO 98US12399 19980615 (PCT/WO US9812399)

Priority Application: US 97874312 19970613

Designated States: CA IL JP KR SG AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

Fulltext Word Count: 12725

...International Patent Class: **G06F-017/60**

Fulltext Availability:

Claims

Claim

... or more of the  
following features:

a. further comprising, a computer-readable storage archive for **storing**  
said scanned **image** , said computer-readable record of assent, and said  
transaction data, wherein said storage archive preferably...system;  
and

i. wherein said scanner and said authorization record generator are  
located at a **point** of **sale** .

8. A method for processing an electronic transaction based upon visual  
information related to said...predetermined event preferably comprises  
determination that insufficient funds exist to complete said EFT;

37

b. **storing** said scanned **image** , said computer-readable record of  
assent, and  
said transaction data;

c. wherein said scanned ...g. wherein said scanned image and said record  
of said assent are generated at a **point** of **sale** .

38

**18/3,K/16        (Item 16 from file: 349)**

DIALOG(R)File 349:PCT FULLTEXT

(c) 2003 WIPO/Univentio. All rts. reserv.

00351843     \*\*Image available\*\*

**CONSIGNMENT NODES**

**NoeUD DE CONSIGNATION DE MARCHANDISES**

Patent Applicant/Assignee:

FLEANET INC,

Inventor(s):

WOOLSTON Thomas G,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9634356 A1 19961031

Application: WO 96US6205 19960426 (PCT/WO US9606205)

Priority Application: US 95427820 19950426; US 95554704 19951107



Designated States: CA RU AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
Publication Language: English  
Fulltext Word Count: 12812

Main International Patent Class: **G06F-017/60**  
Fulltext Availability:  
Detailed Description

Detailed Description

... and image processing module 702, a record maker module 704, a storage unit 710, for **storing images** and records that have ...700 is easier to administrate than a consignment node because it behaves like a retail **point -of- sale** terminal to manage goods that have been posted and are locally sold. The bar code...

**18/3,K/17** (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01431224

**Advertisement distribution method and an advertisement distribution apparatus**

**Verfahren und Apparat zum Verteilen von Werbung**

**Methode et appareil pour la distribution de publicites**

PATENT ASSIGNEE:

FUJITSU LIMITED, (211463), 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, (JP), (Applicant designated States: all)

INVENTOR:

Sakurai, Hiroshi, c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP)

LEGAL REPRESENTATIVE:

Stebbing, Timothy Charles et al (59641), Haseltine Lake & Co., Imperial House, 15-19 Kingsway, London WC2B 6UD, (GB)

PATENT (CC, No, Kind, Date): EP 1209600 A1 020529 (Basic)

APPLICATION (CC, No, Date): EP 2001306216 010719;

PRIORITY (CC, No, Date): JP 2000354572 001121

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 169

NOTE:

Figure number on first page: 5

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	1123
SPEC A	(English)	200222	7148
Total word count - document A			8271
Total word count - document B			0
Total word count - documents A + B			8271

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION Figures 40 (a) and 40(b).

Goods and services image information is information relating to **images** and **impressions** users have relating to **goods** and services provided

by the advertiser and is generated on the basis of the results...

...goods and services" on the screen in Figure 37, the server 3 causes the advertiser **terminal** 2 to display the user classification selection screen shown in Figure 38. When the advertiser...

...on the screen in Figure 38 and then clicks "Next", the server 3 causes the **terminal** 2 to display pre-purchase goods and services image information based on the results of...

18/3,K/18 (Item 2 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01361334

**Image data administration system**

**Bilderverwaltungssystem**

**Systeme d'administration d'images**

PATENT ASSIGNEE:

Noritsu Koki Co., Ltd., (910854), 579-1 Umehara, Wakayama-shi, Wakayama  
640-8550, (JP), (Applicant designated States: all)

INVENTOR:

Usami, Yasushi, Noritsu Koki Co., Ltd., 579-1 Umehara, Wakayama-shi,  
Wakayama 640-8550, (JP)

LEGAL REPRESENTATIVE:

Muller-Bore & Partner Patentanwalte (100651), Grafinger Strasse 2, 81671  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1160703 A2 011205 (Basic)

EP 1160703 A3 020508

APPLICATION (CC, No, Date): EP 2001112084 010528;

PRIORITY (CC, No, Date): JP 2000156938 000526

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60** ; G06F-017/30

ABSTRACT WORD COUNT: 139

NOTE:

Figure number on first page: 4

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200149	2589
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SPEC A	(English)	200149	5086
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Total word count - document A	7675
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Total word count - document B	0
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Total word count - documents A + B	7675
------------------------------------	------

INTERNATIONAL PATENT CLASS: **G06F-017/60** ...

...SPECIFICATION administration system in the embodiment is described with reference to FIGS. 3 to 13. A **photographic print** on which a plurality of **thumbnail** visual images are arranged is called "index print". In the following description, the processes in the image data administration apparatus 1 are mainly described, and the processes in the **terminal** equipment 2 and the controller 3 of the photographic printer 4 are omitted because the...

...and the image information for forming an index image data which will be used for **printing thumbnail images** on the index print. The print

order processor 105 forms an order file including the...

18/3,K/19 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01350405

INFORMATION PROCESSING APPARATUS WITH OPTICAL DATA READER, SERVERS, AND  
ELECTRONIC COMMERCE METHOD

INFORMATIONSVERRARBEITUNGSVORRICHTUNG MIT OPTISCHEM DATENLESER, SERVER UND  
VERFAHREN FUR DEN ELEKTRONISCHEN KOMMERZ

APPAREIL DE TRAITEMENT DE L'INFORMATION EQUIPE D'UN LECTEUR DE DONNEES  
OPTIQUES, SERVEURS ET PROCEDE DE COMMERCE ELECTRONIQUE

PATENT ASSIGNEE:

Kitagawa, Yoshiko, (3873270), 3-14, Hiroo 2-chome, Shibuya-ku, Tokyo  
150-0012, (JP), (Applicant designated States: all)

Kitagawa, Takashi, (3873280), 3-14, Hiroo 2-chome, Shibuya-ku, Tokyo  
150-0012, (JP), (Applicant designated States: all)

INVENTOR:

KITAGAWA, Takashi, 3-14, Hiroo 2-chome, Shibuya-ku, Tokyo 150-0012, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)  
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1282055 A1 030205 (Basic)  
WO 2001067326 010913

APPLICATION (CC, No, Date): EP 2001912240 010309; WO 2001JP1874 010309

PRIORITY (CC, No, Date): JP 200064281 000309; JP 2000221011 000721; JP

2000232153 000731; JP 2000231996 000731; JP 2000272207 000907

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60 ; G01C-021/00; G06K-017/00

ABSTRACT WORD COUNT: 125

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200306	2854
SPEC A	(English)	200306	41710
Total word count - document A			44564
Total word count - document B			0
Total word count - documents A + B			44564

INTERNATIONAL PATENT CLASS: G06F-017/60 ...

...SPECIFICATION 372 or a catalogue 373 having the image information  
(two-dimensional code) 44 pasted or **printed**, the **image** information 44  
being of **item** provider side information containing URL corresponding to  
an item to be transacted or a service to be transacted, is clicked once  
by an optical reading only portable information **terminal** 88. A content  
identical to that on the paper is copied (replica) on a WEB page 74 of a  
network **terminal** 89 through a network 26. A user carries out checking  
such as selection, determination and...

18/3,K/20 (Item 4 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01329689

**Cooperation system and method for a print service**  
**Kooperationssystem und -methode fur einen Druckdienst**  
**Systeme et methode de cooperation pour un service d'impression**

PATENT ASSIGNEE:

Nikon Corporation, (1099918), Fuji Building, 2-3 Marunouchi 3-chome,  
Chiyoda-ku, Tokyo 100-8331, (JP), (Applicant designated States: all)  
Nikon Technologies, Inc., (3288390), 3-25 Futaba 1-chome, Shinagawa-ku,  
Tokyo 142-0043, (JP), (Applicant designated States: all)

INVENTOR:

Tanaka, Masahide, c/o Nikon Technologies Inc., 3-25 Futaba 1-chome,  
Shinagawa-ku, Tokyo 142-0043, (JP)

LEGAL REPRESENTATIVE:

Burke, Steven David et al (47741), R.G.C. Jenkins & Co. 26 Caxton Street,  
London SW1H 0RJ, (GB)

PATENT (CC, No, Kind, Date): EP 1134682 A2 010919 (Basic)

APPLICATION (CC, No, Date): EP 2001302275 010313;

PRIORITY (CC, No, Date): JP 200069950 000314; JP 200075767 000317; JP  
200122259 010130

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 174

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200138	3025
SPEC A	(English)	200138	12295
Total word count - document A			15320
Total word count - document B			0
Total word count - documents A + B			15320

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION computer in the first embodiment in terms of the function.  
In other words, each of **server** computers 37, 38 and 39 in FIG. 14, in  
contrast to FIG. 2, not only **transmits** the order data and the **digital**  
**image** data to another computer, but also receives the same from another  
computer for carrying out...

...as in the local computer in the first embodiment, server computer 38 for  
example on **receipt** of the delivery confirmation data transmits the same  
to server computer 37 that have accepted...

18/3,K/21 (Item 5 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01310663

**Product production system, apparatus for managing productions, and method**  
**for producing designated products**

**System fur die Produktion von Produkten, Apparat zur Verwaltung von**  
**Produktionen und Verfahren zur Produktion von bestimmten Produkten**

**Systeme de production de produits, appareil pour la gestion de productions**

**et methode pour la production de produits designes**

**PATENT ASSIGNEE:**

Fuji Photo Film Co., Ltd., (202402), 210 Nakanuma Minamiashigara-shi,  
Kanagawa-ken, (JP), (Applicant designated States: all)

**INVENTOR:**

Takao, Toshiyuki, c/o Fuji Photo Film Co., Ltd., 26-30, Nishiazabu  
2-chome, Minato-ku, Tokyo, (JP)  
Nakamura, Koji, c/o Fuji Photo Film Co., Ltd., 26-30, Nishiazabu 2-chome,  
Minato-ku, Tokyo, (JP)  
Hara, Shigeharu, c/o Fuji Photo Film Co., Ltd., 26-30, Nishiazabu 2-chome  
, Minato-ku, Tokyo, (JP)  
Kato, Shinsuke, c/o Fuji Photo Film Co., Ltd., 26-30, Nishiazabu 2-chome,  
Minato-ku, Tokyo, (JP)

**LEGAL REPRESENTATIVE:**

Stevens, Jason Paul (87621), Frank B. Dehn & Co. 179 Queen Victoria  
Street, London EC4V 4EL, (GB)

PATENT (CC, No, Kind, Date): EP 1120730 A2 010801 (Basic)  
EP 1120730 A3 010829

APPLICATION (CC, No, Date): EP 2001300621 010124;

PRIORITY (CC, No, Date): JP 200020579 000128

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: **G06F-017/60**

ABSTRACT WORD COUNT: 151

**NOTE:**

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200131	1592
SPEC A	(English)	200131	8853
Total word count - document A			10445
Total word count - document B			0
Total word count - documents A + B			10445

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION digital camera. The first terminal 20 inputs order information, which the customer 14 designates ordering **items** such as the quantity of **printing print pictures**. The first **terminal 20** may input customer identification information for identifying information relating to the customer 14. The first **terminal 20** includes a display unit for displaying information such as ordered items, and an operation unit for the customer 14 to operate the first terminal 20. The first **terminal 20** is placed in stores, such as photo shops, convenience stores, and supermarkets. The first **terminal 20** may be placed beyond the view of a shop clerk 18 in stores. If the first **terminal 20** is placed where the customer 14 collects the ordered product, the first **terminal** maybe the same **terminal** as a second **terminal**, which is described later. The image data may include a plurality of photographed images. A plurality of the first **terminal 20** may be placed in stores. The product production system 10 according to the present...a public line or a leased line, may be used as the network 12.

The **product 16**, such as a **print picture** and a CD-R, produced by the production unit 50 are handed to the customer 14, who made an order, at the shop where at least one of the first **terminal 20** and second **terminal 40** is placed, in exchange for the payment. Since the production order of the product...

18/3,K/22 (Item 6 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
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01233088

Customer terminal apparatus, its system, image saving system, and recording medium which records that program  
Kundenterminal, dazugehöriges System, Bildspeichersystem, und Speichermedium für das Programm  
Terminal pour clients, système associé, système de stockage d'images, et medium de stockage pour le programme

PATENT ASSIGNEE:

Casio Computer Co., Ltd., (249366), 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo, (JP), (Applicant designated States: all)

INVENTOR:

Mizuno, Kimiyasu, Casio Computer Co., Ltd., 3-2-1, Sakae-cho, Hamura-shi, Tokyo 205-8555, (JP)

Kasahara, Takeshi, Casio Computer Co., Ltd., 3-2-1, Sakae-cho, Hamura-shi, Tokyo 205-8555, (JP)

Takahashi, Hiroki, Casio Computer Co., Ltd., 3-2-1, Sakae-cho, Hamura-shi, Tokyo 205-8555, (JP)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhauser Anwaltssozietat (100721), Maximilianstrasse 58, 80538 München, (DE)

PATENT (CC, No, Kind, Date): EP 1069519 A2 010117 (Basic)

APPLICATION (CC, No, Date): EP 113593 000627;

PRIORITY (CC, No, Date): JP 99202431 990716; JP 99208825 990723

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 147

NOTE:.

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200103	1185
SPEC A	(English)	200103	9053
Total word count - document A			10238
Total word count - document B			0
Total word count - documents A + B			10238

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION the controller 7 executes the same processes as those executed upon selecting the memory card **image print** /save menu **item** .  
On the other hand, if an NG reply is received in step H47, the controller ...

18/3,K/23 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01125963

System and method for image depositing, image presentment and deposit taking in a commercial environment

**System und Verfahren zur Bildablage, Bilddarstellung und Vornehmen von  
Einzahlungen in einem kommerziellen Umgebung  
Systeme et methode pour le depot d'images, la presentation d'images et la  
reception de depots dans un environnement commercial**

**PATENT ASSIGNEE:**

CITIBANK, N.A., (1570360), 399 Park Avenue, New York, New York 10043,  
(US), (Applicant designated States: all)  
Citicorp Development Center, Inc., (1175292), 12731 W. Jefferson  
Boulevard, Los Angeles, California 90066, (US), (Applicant designated  
States: all)

**INVENTOR:**

Slater, Alan, 10 Jefferson Road,, East Brunswick, New Jersey 08816, (US)  
Sears Michael L., 2567 Plaza del Amo #101, Torrance, California 90503,  
(US)  
Rin-Rin Hsu, Phoebe, 19520 Turtle Ridge Lane, Northridge, California  
91326, (US)  
Do D. Cuong, 7226 Newcastle Avenue, Reseda, California 91335, (US)  
McSharry H. Patrick, 6002 S. La Cienega Blvd., Los Angeles, California  
90056, (US)  
Dudasik Edward M.R., 24020 Meredith Court, West Hills, California 91304,  
(US)  
Gryte Stephen M., 12672 Dewey Street, Los Angeles, Clifornia 90066, (US)  
Brooks, Robert O. (Bob), 6221 Flores Avenue, Los Angeles, California 90056  
, (US)

**LEGAL REPRESENTATIVE:**

Johansson, Lars E. et al (23214), Hynell Patenttjanst AB Patron Carls Vag  
2, 683 40 Hagfors/Uddeholm, (SE)

PATENT (CC, No, Kind, Date): EP 984410 A1 000308 (Basic)

APPLICATION (CC, No, Date): EP 99202212 990707;

PRIORITY (CC, No, Date): US 92486 P 980707; US 92487 P 980707

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G07F-019/00; G07F-007/10; **G06F-017/60**

ABSTRACT WORD COUNT: 89

**NOTE:**

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200010	1184
SPEC A	(English)	200010	5930
Total word count - document A			7114
Total word count - document B			0
Total word count - documents A + B			7114

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION taking in a commercial environment is provided. In part,  
this is possible because of existing **point of sale**, check acceptance  
devices, improvements in data bandwidth and **transmission** time for  
**images** available for ATM installation, and better image compression and  
Courtesy Account Recognition (CAR) software, all...

**18/3,K/24 (Item 8 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS

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01093750

**Image processing**

**Bildverarbeitung**

**Traitement d'images**

**PATENT ASSIGNEE:**

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York  
14650, (US), (Applicant designated States: all)

**INVENTOR:**

Slater, Walter Charles, c/o Eastman Kodak Company, Patent Legal Staff,  
343 State Street, Rochester, New York 14650-2201, (US)

Murray, Thomas Joseph, c/o Eastman Kodak Company, Patent Legal Staff, 343  
State Street, Rochester, New York 14650-2201, (US)

**LEGAL REPRESENTATIVE:**

Weber, Etienne Nicolas et al (91684), Kodak Industrie, Departement  
Brevets, CRT, Zone Industrielle, 71102 Chalon sur Saone Cedex, (FR)

**PATENT (CC, No, Kind, Date):** EP 961214 A2 991201 (Basic)

EP 961214 A3 030507

**APPLICATION (CC, No, Date):** EP 99201498 990517;

**PRIORITY (CC, No, Date):** US 87014 980529

**DESIGNATED STATES:** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS:** G06F-017/60

**ABSTRACT WORD COUNT:** 137

**NOTE:**

Figure number on first page: 5

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	9948	1380
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SPEC A	(English)	9948	9449
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Total word count - document A	10829
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Total word count - document B	0
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Total word count - documents A + B	10829
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**INTERNATIONAL PATENT CLASS:** G06F-017/60

...SPECIFICATION image processing) for the product and/or service as  
indicated by code 504. Where the **product** includes a **printed image**  
(such as an enlargement of image 501), this can be printed on printer 80.

Variations...

**18/3,K/25 (Item 9 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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01050749

**AN ORDER DATA MANAGEMENT SYSTEM**

**SYSTEM ZUM VERWALTEN VON BESTELLDATEN**

**SYSTEME DE GESTION DES DONNEES DE COMMANDE**

**PATENT ASSIGNEE:**

Toshiba Tec Kabushiki Kaisha, (1860484), 1-1, Kanda Nishiki-cho,  
Chiyoda-ku, Tokyo 101-8442, (JP), (Applicant designated States: all)

**INVENTOR:**

SANO, Kouichi, 111-1, Kitada, Yuicho, Ihara-gun, Shizuoka-ken 421-3104,  
(JP)

**LEGAL REPRESENTATIVE:**



Fuchs Mehler Weiss & Fritzsche (100495), Patentanwälte  
Abraham-Lincoln-Strasse 7, 65189 Wiesbaden, (DE)  
PATENT (CC, No, Kind, Date): EP 973114 A1 000119 (Basic)  
WO 9924929 990520  
APPLICATION (CC, No, Date): EP 98950477 981030; WO 98JP4937 981030  
PRIORITY (CC, No, Date): JP 97303900 971106; JP 98243667 980828  
DESIGNATED STATES: BE; DE; FR; GB; NL  
INTERNATIONAL PATENT CLASS: G06F-019/00; **G06F-017/60**  
ABSTRACT WORD COUNT: 138  
NOTE:

Figure number on first page: 17

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200003	563
SPEC A	(English)	200003	10168
Total word count - document A			10731
Total word count - document B			0
Total word count - documents A + B			10731

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION of all current order information, menu information or sales data; and a communication function for **transmitting** /receiving voice, **images** and messages with other radio portable terminal 33 and **POS** terminal 32.

FIG. 2 is a block diagram showing the structure of the radio portable

...

**18/3,K/26 (Item 10 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

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01040093

**ORDER DATA MANAGEMENT SYSTEM**

**SYSTEM ZUM VERWALTEN VON BESTELLTEN DATEN**

**SYSTEME PERMETTANT DE GERER DES DONNEES DE COMMANDE**

PATENT ASSIGNEE:

Kabushiki Kaisha TEC, (1860482), 570 Ohito, Ohito-cho, Tagata-gun,  
Shizuoka-ken 410-2392, (JP), (Applicant designated States: all)

INVENTOR:

SANO, Kouichi, 111-1, Kitada,Yuicho,Ihara-gun, Shizuoka-ken 421-3104,  
(JP)

LEGAL REPRESENTATIVE:

Fuchs Mehler Weiss & Fritzsche (100495), Patentanwälte  
Abraham-Lincoln-Strasse 7; 65189 Wiesbaden, (DE)

PATENT (CC, No, Kind, Date): EP 949575 A1 991013 (Basic)  
WO 9917243 990408

APPLICATION (CC, No, Date): EP 98944287 980929; WO 98JP4361 980929

PRIORITY (CC, No, Date): JP 97267159 970930; JP 98243668 980828

DESIGNATED STATES: BE; DE; FR; GB; NL

INTERNATIONAL PATENT CLASS: G06F-019/00; **G06F-017/60**

ABSTRACT WORD COUNT: 69

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9941	1132
SPEC A	(English)	9941	6655
Total word count - document A			7787
Total word count - document B			0
Total word count - documents A + B			7787

...INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION of all current order information, menu information or sales data; and a communication function for **transmitting** /receiving voice, **images** and messages with other radio portable terminal 45, system control apparatus 42 and **POS** terminal 41.

The radio portable terminal 53 having a contract with the PHS service provider...

**18/3,K/27** (Item 11 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00486975

**System for processing customer transactions**

**System zur Verarbeitung von Kundentransaktionen**

**Systeme de traitement pour des transactions-clients**

PATENT ASSIGNEE:

NCR International, Inc., (1449484), 1700 South Patterson Boulevard,  
Dayton, Ohio 45479, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Allgeier, David Michael Joseph, 6066 Cubbison Road, Cumberland, Ohio  
43732, (US)

Jones, Floyd, Jr., 843 McKinley Avenue, Cambridge, Ohio 43725, (US)  
Protheroe, Robert Llewellyn, 606 Clark Street, Cambridge, Ohio 43725,  
(US)

Crooks, John Fredrick, 1340 McFarland Road, Apt. 1, Cambridge, Ohio 43725  
, (US)

LEGAL REPRESENTATIVE:

Cleary, Fidelma et al (85871), International IP Department NCR Limited  
206 Marylebone Road, London NW1 6LY, (GB)

PATENT (CC, No, Kind, Date): EP 473358 A2 920304 (Basic)  
EP 473358 A3 930428  
EP 473358 B1 981111

APPLICATION (CC, No, Date): EP 91307712 910821;

PRIORITY (CC, No, Date): US 575096 900830

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: **G06F-017/60** ; G06F-007/10

ABSTRACT WORD COUNT: 140

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9846	486
CLAIMS B	(German)	9846	456
CLAIMS B	(French)	9846	545
SPEC B	(English)	9846	4932
Total word count - document A			0
Total word count - document B			6419
Total word count - documents A + B			6419

INTERNATIONAL PATENT CLASS: **G06F-017/60** ...

...ABSTRACT a completed payment document (117) ready for signature in image form and enabling signature in **image** form, **storing** the **image** and providing a printed copy of the document including the signature. A write input device...

...information for the display. The device is embodied in a system which also includes a **point** of **sale** terminal (62), a printer (22) for printing records of transactions processed by the system and...

Set	Items	Description
S1	24727	AU=(KIM S? OR KIM, S?)
S2	1603381	IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? - OR PHOTOGRAPH?
S3	10778	POS OR POINT(1W)SALE OR PAYPHONE? OR PAY()PHONE?
S4	34626	RECEIPT? OR INVOICE?
S5	1091419	PRINT? OR INDICIA? OR IMPRESS? OR IMPRINT? OR INSCRIBE? OR INSCRIPT?
S6	3167233	UPLOAD? OR DOWNLOAD? OR TRANSFER? OR TRANSMI? OR SENT OR S- END? OR STORING
S7	144916	S2(3N)S6
S8	101	S1 AND S7
S9	1	S8 AND S3
S10	78	S7 AND S3
S11	32	S10 AND IC=G06F-017/60
S12	83513	S5(3N)S2
S13	67	S12(3N)S4
S14	14	S13 AND IC=G06F-017/60
S15	46	S14 OR S11

? show file

File 344:Chinese Patents Abs Aug 1985-2003/Apr

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File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)

(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200364

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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15/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07583221 \*\*Image available\*\*  
ELECTRONIC RECEIPT SYSTEM

PUB. NO.: 2003-077064 [JP 2003077064 A]  
PUBLISHED: March 14, 2003 (20030314)  
INVENTOR(s): KOJIMA MAKOTO  
SAITO HIROMI  
APPLICANT(s): TOSHIBA TEC CORP  
APPL. NO.: 2001-269111 [JP 20011269111]  
FILED: September 05, 2001 (20010905)  
INTL CLASS: G07G-001/12; G06F-017/60 ; G07G-001/14

#### ABSTRACT

PROBLEM TO BE SOLVED: To allow the reception of a desired commodity sales trading receipt as electronic data with ease, as required by a customer.

SOLUTION: A POS terminal 5 transmits journal data showing trading items to a journal manager 3 via a communication network 4 and outputs an electronic receipt searching key data to a portable telephone 7 for storage. The journal manager 3 accumulates and stores the journal data collected from each POS terminal 5 in a database 8. When the electronic receipt searching key data is input from external Internet corresponding equipment 11 via Internet 9, the corresponding electronic journal data is extracted by using the data for searching the database and receipt image data is edited in accordance with the electronic journal data. The receipt image data is transmitted to the Internet corresponding equipment 11.

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15/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07435840 \*\*Image available\*\*  
PRINT ORDER SYSTEM, PRINT SYSTEM, ORDER TERMINAL, AND RECORDING MEDIUM

PUB. NO.: 2002-304350 [JP 2002304350 A]  
PUBLISHED: October 18, 2002 (20021018)  
INVENTOR(s): HARA MAKOTO  
MATSUDA TERUMI  
SHIODA KAZUO  
KUROKAWA TORU  
APPLICANT(s): FUJI PHOTO FILM CO LTD  
APPL. NO.: 2001-160321 [JP 20011160321]  
FILED: May 29, 2001 (20010529)  
PRIORITY: 2001-021624 [JP 200121624], JP (Japan), January 30, 2001  
(20010130)  
INTL CLASS: G06F-013/00; G03B-027/46; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To shorten a delivery period and facilitate the call of the users of photo shops when the order for print of image data is performed through a network.

SOLUTION: A photo shop 2 delivers a CD-R having the viewer software of the image data S recorded therein to the user 1. In this CD-R, access information A for gain an access to the order receipt server 21 of the

photo shop 2 is recorded. When the user 1 installs the viewer software in a user terminal 11, the access information A is incorporated simultaneously into the viewer software. When the viewer software is started and the order for print is placed, the user terminal 11 is accessed to the order receipt server 21 of the photo shop 2 by the viewer software to transmit the information such as a print price and the date of finish to the user terminal 11. The user 1 confirms the transmitted information, and transmits order information C and **image** data S for **printing** to the order **receipt** server 21. Based on the transmitted information and data, the photo shop 2 performs printing.

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**15/5/3 (Item 3 from file: 347)**

DIALOG(R)File 347:JAPIO

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07240969   \*\*Image available\*\*  
COMMUNICATION SYSTEM

PUB. NO.:       2002-109420 [JP 2002109420 A]  
PUBLISHED:     April 12, 2002 (20020412)  
INVENTOR(s):   SHIGEKUSA HISASHI  
APPLICANT(s):   DENSO CORP  
APPL. NO.:     2000-296309 [JP 2000296309]  
FILED:         September 28, 2000 (20000928)  
INTL CLASS:     **G06F-017/60** ; G07G-001/12; G07D-009/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a system whereby data communication is made possible without a need of dedicated parts for communication either on data transmitting side or a data receiving side.

SOLUTION: A cellular phone 8 receives data of a code matrix pattern including an account number and a balance of deposit, or the like from an automatic transfer terminal 1 and displays the data of the code matrix pattern received from the automatic transfer terminal 1 on an LCD 13 as an information code image. A **POS** terminal 15 reads the data of the code matrix pattern displayed by the cellular phone 8 as an information code image by a scanner 19. By adopting the information code **image** as a **transmission** medium for transmitting data, this system is capable of data communication without fitting parts dedicated for communication such as a connector, antenna and communication circuit to the cellular phone 8 on a data transmitting side and the **POS** terminal 15 on a data receiving side.

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**15/5/4 (Item 4 from file: 347)**

DIALOG(R)File 347:JAPIO

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07156558   \*\*Image available\*\*  
**POS** TERMINAL DEVICE

PUB. NO.:       2002-024941 [JP 2002024941 A]  
PUBLISHED:     January 25, 2002 (20020125)  
INVENTOR(s):   IGARASHI TOMOKO  
                  YOKOYAMA TSUTOMU

APPLICANT(s): FUJITSU GENERAL LTD  
APPL. NO.: 2000-203256 [JP 2000203256]  
FILED: July 05, 2000 (20000705)  
INTL CLASS: G07G-001/01; **G06F-017/60** ; G07G-001/12; G07G-001/14

#### ABSTRACT

PROBLEM TO BE SOLVED: To enhance an input operability and a watching in a set picture such as a reduction information mainly adaptable for an eat out store in a **POS** terminal device.

SOLUTION: The **POS** terminal device is provided with an input part 1 for a set input; an indication part for indicating a required **picture** ; a memory part **storing** a data regarding a control program and an indication; and a CPU 5 for controlling the input part 1, the memory part 3 and the indication part 2. With respect to a plurality of items, the CPU 5 controls the indication part 2 based on a storage data of the memory part 3 such that an indication picture in the indication part 2 for previously condition-setting and inputting a handling between the respective items each other is indicated at sight at matrix form. In the indication picture of the indication at sight, when one condition is set by the input part 1, the CPU 5 controls the indication part 2 based on the storage data of the memory part 3 so as to set other condition of the same classification corresponding thereto to the same.

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**15/5/5 (Item 5 from file: 347)**

DIALOG(R) File 347:JAPIO  
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07156526 \*\*Image available\*\*  
DOCUMENT HANDLING SYSTEM

PUB. NO.: 2002-024909 [JP 2002024909 A]  
PUBLISHED: January 25, 2002 (20020125)  
INVENTOR(s): TANIGAWA YOSHINOBU  
UCHINO SHIGERU  
IKEDA NORITO  
APPLICANT(s): HITACHI LTD  
APPL. NO.: 2000-208236 [JP 2000208236]  
FILED: July 05, 2000 (20000705)  
INTL CLASS: G07D-009/00; B41J-029/38; B42D-011/00; G06F-003/12;  
**G06F-017/60**

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a receipt issuing method for use with a document handling system for handling a document whose receipt portions are difficult to separate because the receipt portions occupy the center and corner areas of the book.

SOLUTION: The input of the document is received by a document input/ output part 204 and the form of the document is recognized by a document recognizing part 218; a transaction control part 208 determines whether or not the receipt portions of the document are separable and, if the receipt portions are determined to be separable, stamped receipt portions are separated and a bill of transactions and a receipt are discharged. If the receipt portions are determined to be unseparable, the receipt portions in the document are fixed. Next, a bill output part 206 reads an image of a rectangle in the receipt portions, originates the image information of the **receipt** portions, **prints** this **image** information on the bill of

transactions, and presents the bill to the customer.

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15/5/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07110679 \*\*Image available\*\*  
SYSTEM FOR ISSUING RECEIPT

PUB. NO.: 2001-338346 [JP 2001338346 A]  
PUBLISHED: December 07, 2001 (20011207)  
INVENTOR(s): KANO NAOYUKI  
APPLICANT(s): SHARP CORP  
APPL. NO.: 2000-155376 [JP 2000155376]  
FILED: May 25, 2000 (20000525)  
INTL CLASS: G07G-001/06; B41J-021/00; B41J-021/16; G06F-019/00;  
G07G-001/12; **G06F-017/60**

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a receipt issuing system in which a printer is provided separately from a register and a receipt can automatically be issued on the basis of sales contents inputted with the register even not at the time of making a payment.

SOLUTION: In the register device 1, a storing part 16 stores the sales contents of each sales to a customer inputted by an inputting part 12 together with an ID number and a receipt printing part 13 also records the ID number on a **receipt**. In a **printer**, an **image** reading part 31 or a receipt reading part 39 reads the ID number of the receipt and a controlling part 35 inquires the register device 1 about the information on the ID number. In the device 1, a controlling part 15 retrieves the sales contents stored in the first storing part 16 on the basis of the ID number and answers the printer 2. The **printer** 2 generates the **image** data of the **receipt** from a receipt format stored in a storing part 36 and the retrieved sales contents and an **image** forming part 32 **prints** the **receipt** on the basis of the image data.

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15/5/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06807143 \*\*Image available\*\*  
METHOD AND SYSTEM FOR RECEIPT INSPECTION AND STORAGE MEDIUM STORING RECEIPT  
INSPECTING PROGRAM

PUB. NO.: 2001-034627 [JP 2001034627 A]  
PUBLISHED: February 09, 2001 (20010209)  
INVENTOR(s): IWATA JUNYA  
TAKAKURA KAZUTOSHI  
ENOMOTO ATSUSHI  
YAMADA MASAHIRO  
HASEGAWA YUTAKA  
APPLICANT(s): HITACHI LTD  
APPL. NO.: 11-205458 [JP 99205458]  
FILED: July 19, 1999 (19990719)



INTL CLASS: G06F-017/30; **G06F-017/60** ; G06F-019/00; G06T-001/00

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the load of a receipt inspecting process by recognizing part of an inputted receipt image as characters, holding them as basic information relevant to the receipt image, and retrieving a corresponding receipt image by inputting an item of the basic information. SOLUTION: The image of a read-in receipt is stored in an image DB 116 and the output of character recognition is stored in a basic information DB 115; and a **printing** method for the **image** of the **receipt** is selected. When a keyboard, etc., is selected, the **print** conditions of the **image** of the **receipt** are inputted on the keyboard, etc., of a client 12 and a server 11 retrieves and prints an image. When external storage media, etc., are selected, the client 12 reads in the conditions of printing from the external storage media and the server 11 retrieves and prints an image. Thus, part of the receipt image is recognized as characters, which are held as basic information while correlated to the receipt image so that the receipt image is outputted according to the input of the item of the basic information.

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15/5/8 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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06184317 \*\*Image available\*\*

ORDER RECEIVING DEVICE FOR DIGITAL PRINT

PUB. NO.: 11-125867 [JP 11125867 A]

PUBLISHED: May 11, 1999 (19990511)

INVENTOR(s): YAMADA TOMOKO

APPLICANT(s): FUJI PHOTO FILM CO LTD

APPL. NO.: 09-290787 [JP 97290787]

FILED: October 23, 1997 (19971023)

INTL CLASS: G03B-027/46; B41J-005/30; **G06F-017/60**

ABSTRACT

PROBLEM TO BE SOLVED: To surely receive an order for print based on image data recorded in a recording medium.

SOLUTION: Printing subject image data and printing order data are read from the various kinds of recording media through a CD driving device, a ZIP driving device, a card reader and an FD driving device. It is discriminated whether data is printing acceptable data or not based on the data read. A discriminated result is displayed on a display. Also, in the case of the printing acceptable data, the printing subject image and the printing order data corresponding to it are displayed on the display as a **receipt** index **image** 40. Also, a **printing** instruction frame capable of being selected 44 is displayed based on the printing subject image data. Thus, an additional order is surely and easily made.

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15/5/9 (Item 9 from file: 347)

DIALOG(R)File 347:JAPIO

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05939661      \*\*Image available\*\*  
SALES DATA PROCESSOR AND STORAGE MEDIUM

PUB. NO.:        10-222761 [JP 10222761 A]  
PUBLISHED:      August 21, 1998 (19980821)  
INVENTOR(s):    OISHI KAZUHIRO  
APPLICANT(s):   CASIO COMPUT CO LTD [350750] (A Japanese Company or  
                  Corporation), JP (Japan)  
APPL. NO.:      09-023050 [JP 9723050]  
FILED:          February 05, 1997 (19970205)  
INTL CLASS:     [6] G07G-001/12; G07G-001/12; **G06F-017/60**  
JAPIO CLASS:    29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4  
                  (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R107 (INFORMATION PROCESSING -- OCR &  
                  OMR Optical Readers)

ABSTRACT

PROBLEM TO BE SOLVED: To reduce the system cost and to lighten the burden of operation on operators of respective **POS** terminal devices by connecting an image processor which composes various image data to the **POS** terminal devices by a communication network such as a LAN together with a server, making it easy to print various image data corresponding to transaction data on receipts on the respective **POS** terminals, and allowing the **POS** terminal devices to share the composing function for image data.

SOLUTION: CPUs 31 of **POS** terminal devices 30a and 30b when performing **POS** terminal control processes store various POP **image** data **sent** from the server through the LAN after an image input process in POP image files 33a in RAMs 33, print the POP image data on the backgrounds of receipts by article registering processes, and print POP images by article sale quantities on the receipts in checkout processes.

15/5/10        (Item 10 from file: 347)

DIALOG(R) File 347:JAPIO  
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05939660      \*\*Image available\*\*  
**POS** TERMINAL DEVICE

PUB. NO.:        10-222760 [JP 10222760 A]  
PUBLISHED:      August 21, 1998 (19980821)  
INVENTOR(s):    TSUNO HAJIME  
APPLICANT(s):   NEC CORP [000423] (A Japanese Company or Corporation), JP  
                  (Japan)  
APPL. NO.:      09-026492 [JP 9726492]  
FILED:          February 10, 1997 (19970210)  
INTL CLASS:     [6] G07G-001/12; G07G-001/12; B41J-005/30; **G06F-017/60**  
JAPIO CLASS:    29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4  
                  (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R105 (INFORMATION PROCESSING -- Ink  
                  Jet Printers)

ABSTRACT

PROBLEM TO BE SOLVED: To protect service to customers from being lowered and also to prevent credit processing from being complicated by fetching a customer's signature with a 2nd inputting means and printing it in a prescribed position of a slip after an image control circuit converts it into image data.

SOLUTION: A signature that is fetched from an image inputting means 5a which is a 2nd inputting means is converted into image data by an image control circuit 6a, the **image** data is **transferred** to a displaying means 4a and the signature of a customer is shown on the means 4a. Next, the image data of the signature of a customer which is fetched through processing by a retrieving and collating circuit 7, etc., is transferred to a thermal printer 10 by the circuit 6a. A slip that includes the signature of a customer is printed together with the format of a slip and data that is inputted from a card reader 2 and a keyboard 3 at a receipt print position of the printer 10. Because of this, the signature of a customer which is inputted by the means 5a is printed in a prescribed position of all slips even when plural slips are printed.

15/5/11 (Item 11 from file: 347)

DIALOG(R) File 347:JAPIO

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05904701 \*\*Image available\*\*

MANAGEMENT DEVICE FOR DELIVERY COMMODITY

PUB. NO.: 10-187801 [JP 10187801 A]

PUBLISHED: July 21, 1998 (19980721)

INVENTOR(s): ITO NAOKI

APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 08-341069 [JP 96341069]

FILED: December 20, 1996 (19961220)

INTL CLASS: [6] **G06F-017/60**

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)

JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers);

R108 (INFORMATION PROCESSING -- Speech Recognition &

Synthesis); R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)

#### ABSTRACT

PROBLEM TO BE SOLVED: To omit the service where a clerk contacts a customer by telephone by retrieving a commodity order reception file to extract the customer whose ordered commodities are delivered and dialing automatically the customer's telephone number to notify him of delivery of the commodities.

SOLUTION: A **POS** terminal is connected to a host computer placed at a store management center, etc., via a communication circuit L1 such as a LAN, etc., and also to a public telephone network via a telephone circuit L2. A CPU 12 retrieves a **photo** order reception file **sent** from a RAM 14 based on the stored delivery date data and extracts a customer whose ordered photos are delivered. Then the telephone number data on the extracted customer are given to a circuit connection part 18, and the customer's telephone number is automatically dialed to notify him of delivery of his ordered commodities. Thus, it's not required for a clerk to contact the customer by telephone to make him fetch his ordered photos.

15/5/12 (Item 12 from file: 347)

DIALOG(R) File 347:JAPIO

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05851153 \*\*Image available\*\*

DATA PROCESSOR

PUB. NO.: 10-134253 [JP 10134253 A]  
PUBLISHED: May 22, 1998 (19980522)  
INVENTOR(s): OTSUKA HIDENORI  
TOYOOKA TOSHIAKI  
OKA YOSHIHARU  
UEKI HIROSHI  
APPLICANT(s): CASIO COMPUT CO LTD [350750] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-290464 [JP 96290464]  
FILED: October 31, 1996 (19961031)  
INTL CLASS: [6] G07G-001/06; **G06F-017/60** ; G07G-001/12; H04N-001/387  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R011 (LIQUID CRYSTALS)

#### ABSTRACT

PROBLEM TO BE SOLVED: To reduce a memory capacity for **storing image** data and to eliminate the labor and time for preparing image data by receiving only necessary image data from another device and printing in with input data in a recording paper.

SOLUTION: According to various kinds of control programs stored in a storage device 26, CUP 21 controls each part within a server 20 to control the transfer and the storage of various POP image data through LAN between a data processor and a **POS** terminal device. At the time of receiving **transmitted image** data, a data processor stores this received image data and when input data is printed by a printing means printing input data in a prescribed paper, controls this stored image data to be printed with input data. Consequently, only necessary image data is received and stored in the data processor and is printed out to a recording paper with input data.

15/5/13 (Item 13 from file: 347)

DIALOG(R) File 347:JAPIO

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05682870 \*\*Image available\*\*  
STATIC IMAGE DISPLAY CONTROL SYSTEM

PUB. NO.: 09-297670 [JP 9297670 A]  
PUBLISHED: November 18, 1997 (19971118)  
INVENTOR(s): TAKITA NORIKO  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-113377 [JP 96113377]  
FILED: May 08, 1996 (19960508)  
INTL CLASS: [6] G06F-003/14; **G06F-017/60** ; G07G-001/01  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PROBLEM TO BE SOLVED: To effectively promote the sales with a small-scale function added to a conventional facility by editing and showing in images the schedule management information which designates the images to be shown at each of plural divided time band for every store.

SOLUTION: A management information extracting/editing means 24 extracts the management information that is effective on the relevant day out of the image-based management information of an image information holding means 22

and edits the schedule management information based on the extracted management information. In regard to the schedule management information, the x-divided image data are displayed in image IDs and put into a rotation against the time bands 1 to (m) defined by m-dividing 24 hours of a day. A management information transmission means 25 sends the completed schedule management information via a transmitter means 23. At a **POS** terminal 30, the received image data and schedule management information are **sent** to an **image** / management information holding means 32 and held there. An image display control means 33 shows the image data designated at a prescribed time on an image display 43 based on the schedule management information.

**15/5/14 (Item 14 from file: 347)**

DIALOG(R)File 347:JAPIO

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05420154 \*\*Image available\*\*

**POS SYSTEM**

PUB. NO.: 09-034954 [JP 9034954 A]

PUBLISHED: February 07, 1997 (19970207)

INVENTOR(s): SHIMIZU MASATO

APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 07-187327 [JP 95187327]

FILED: July 24, 1995 (19950724)

INTL CLASS: [6] **G06F-017/60** ; G07G-001/12

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4  
(PRECISION INSTRUMENTS -- Business Machines)

JAPIO KEYWORD:R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR); R107  
(INFORMATION PROCESSING -- OCR & OMR Optical Readers)

#### ABSTRACT

PROBLEM TO BE SOLVED: To securely and easily manage the adjustment of a use rate by directly obtaining the use rate of an electronic bulletin board system so as to register it.

SOLUTION: When picture information is inputted from an external input device 12, the **POS** terminal 11 calculates the use rate of the electronic bulletin board system based on the data quantity of picture information. The calculated use rate is accumulated and registered in a storage device in the same way as product sales data, and it is displayed on a display device. Then, it is printed on receipt paper. Then, the registered use rate is transmitted to a storage controller 13 by the closing operation of registration. The **POS** terminal 11 **transfers picture** information which is registration-processed to the database of the electronic bulletin board system 14. In the electronic bulletin board system, picture information stored in the database is displayed on a display device 19 or it is transferred to an external display device 16 so as to display it by the operation of a user.

**15/5/15 (Item 15 from file: 347)**

DIALOG(R)File 347:JAPIO

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05402052 \*\*Image available\*\*

MONITOR TYPE **POS DEVICE**

PUB. NO.: 09-016852 [JP 9016852 A]

PUBLISHED: January 17, 1997 (19970117)  
INVENTOR(s): HANDA SATORU  
NAKAMURA TATSUYA  
MAEKAWA YOSHIO  
MUKAI KEN  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company  
or Corporation), JP (Japan)  
APPL. NO.: 07-168486 [JP 95168486]  
FILED: July 04, 1995 (19950704)  
INTL CLASS: [6] G07G-001/00; **G06F-017/600** ; G07G-001/12; G07G-001/14  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4  
(INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD:R101 (APPLIED ELECTRONICS -- Video Tape Recorders, VTR)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a monitor type **POS** device which can reduce its occupying space and can acquire the discrimination information with a high degree of discrimination and with the relation secured between the image information and the data information.

SOLUTION: This **POS** device contains a screen selection switch 8, a monitor camera 9, an **image transmission** means 10, a VTR 11 and an image information processing means 12 in addition to an ordinary **POS** job execution means 2. In such a constitution, a **POS** job screen and a monitor job screen are selectively displayed or image-composed together and displayed on a single CRT 7. Furthermore, a 4th hard disk and a relation management means are added to process and store the image information in relation to the data information. Thus it is possible to obtain a monitor type **POS** device which can eliminate the duplication of an image display device, can reduce its occupying space, and can acquire the discrimination information with a high degree of discrimination.

15/5/16 (Item 16 from file: 347)

DIALOG(R)File 347:JAPIO

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05331857 \*\*Image available\*\*

**POINT -OF- SALE** INFORMATION MANAGEMENT SYSTEM

PUB. NO.: 08-287357 [JP 8287357 A]  
PUBLISHED: November 01, 1996 (19961101)  
INVENTOR(s): TAKAHASHI AKIHIRO  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-117889 [JP 95117889]  
FILED: April 19, 1995 (19950419)  
INTL CLASS: [6] G07G-001/01; G06F-013/00; **G06F-017/60** ; G06T-001/00; G07G-001/14  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.9 (INFORMATION PROCESSING -- Other)  
JAPIO KEYWORD:R098 (ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD); R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

#### ABSTRACT

PURPOSE: To provide the sale point information management system which can **send** and receive **image** information.

CONSTITUTION: A POS terminal 100 is equipped with a store information acquisition part 1 which outputs image information and speech information as store information. The store information is encoded by a transmission control part 51 and sent to a communication function part 6. The communication function part 6 sends the store information sent from the transmission control part 51 to a center 200 through a digital communication line 300. Further, the communication function part 6 receives center information from the center 200 and a reception control part 52 decodes and displays it on a display device 7.

15/5/17 (Item 17 from file: 347)

DIALOG(R)File 347:JAPIO

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05247459 \*\*Image available\*\*

POS TERMINAL EQUIPMENT

PUB. NO.: 08-202959 [JP 8202959 A]

PUBLISHED: August 09, 1996 (19960809)

INVENTOR(s): SHIOMI NORIKO

APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 07-011372 [JP 9511372]

FILED: January 27, 1995 (19950127)

INTL CLASS: [6] G07G-001/14; G06F-017/60

JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4  
(INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PURPOSE: To simultaneously or individually display an optional combination of respective data of a text, a still picture and a moving picture on a customer's CRT and an operator's CRT by sending and displaying text data stored in a text file to the customer's CRT and/or the operator's CRT.

CONSTITUTION: Text data inputted from a keyboard 4 and still picture data inputted from the outside are respectively stored in a text file and a still pictuer file built in a main board 6. The text data stored in the text file are sent to the customer's CRT 2 or the operator's CRT 3 by a switch mounted on the main board 6 or sent to a still picture /moving picture display control board 1. Respective input data are sent and displayed to/on the CRT 2 and/or the CRT 3.

15/5/18 (Item 18 from file: 347)

DIALOG(R)File 347:JAPIO

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05206147 \*\*Image available\*\*

POS SYSTEM HAVING SHOP MONITORING FUNCTION

PUB. NO.: 08-161647 [JP 8161647 A]

PUBLISHED: June 21, 1996 (19960621)

INVENTOR(s): TERAMOTO RISA KO  
KOYAMA HIROAKI

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 06-299294 [JP 94299294]

FILED: December 02, 1994 (19941202)

INTL CLASS: [6] G07G-001/12; G06F-017/60 ; G06F-019/00; G06T-001/00;

G07G-001/14

JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4  
(INFORMATION PROCESSING -- Computer Applications); 45.9  
(INFORMATION PROCESSING -- Other)  
JAPIO KEYWORD: R012 (OPTICAL FIBERS); R107 (INFORMATION PROCESSING -- OCR &  
OMR Optical Readers); R108 (INFORMATION PROCESSING -- Speech  
Recognition & Synthesis)

ABSTRACT

PURPOSE: To attain article management of a shop based on an actual status of the shop by providing a collection means collecting article image information representing a display state of commodities in the shop and a transmission means **sending** the article **image** information collected by the collection means for the system.

CONSTITUTION: A commodity sales information collection function 7 receives entry of commodity sales information from an entry device 3, the received data are sent from a data processing unit 1 to a processing unit 9 through a communication channel 16 and stored in a storage device 12. An article image information collection function 8 receives the commodity image information from an image entry device 4, the received data are sent from the data processing unit 1 to the processing unit 9 through the communication channel 16 and stored in a storage device 12. A logic array generating function 14 calls the commodity sales information stored in the storage device 12 to execute the generation of a logic array and the logic array is stored in the storage device 12. A job order sheet generating aid function 15 calls the logic array and the article image information stored in the storage device 12 and provides an output of them to an output device 10, in which a job order sheet is generated at need and it is printed out from a printer 13

15/5/19 (Item 19 from file: 347)

DIALOG(R) File 347:JAPIO

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05168374 \*\*Image available\*\*

MERCHANDISE MANAGEMENT SYSTEM

PUB. NO.: 08-123874 [JP 8123874 A]

PUBLISHED: May 17, 1996 (19960517)

INVENTOR(s): HISADA KOJI

APPLICANT(s): OMRON CORP [000294] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 06-256533 [JP 94256533]

FILED: October 21, 1994 (19941021)

INTL CLASS: [6] G06F-019/00; **G06F-017/60** ; G06T-001/00

JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.9  
(INFORMATION PROCESSING -- Other)

JAPIO KEYWORD: R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers);  
R131 (INFORMATION PROCESSING -- Microcomputers &  
Microprocessors)

ABSTRACT

PURPOSE: To provide a merchandise management system capable of easily recognizing the price or the like of merchandise whose price is not registered in a merchandise master by photographing a merchandise display position where the merchandise is displayed by a camera and displaying it by inputting merchandise information such as a merchandise identification code and a merchandise name, etc.



CONSTITUTION: When the price of the merchandise is not registered in the merchandise master or the like, a cashier executes a sales price inquiry processing. When the execution of the sales price inquiry processing is inputted, a POS terminal equipment 2 transmits display position data where the merchandise about which inquiry is performed is displayed to a camera controller 3. The camera controller 3 selects the camera 1 based on the display position data and instructs a photographing direction. Also, pictures photographed by the selected camera are transmitted to the POS terminal equipment 2 and the POS terminal equipment 2 displays the transmitted pictures at a display part.

15/5/20 (Item 20 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04860361 \*\*Image available\*\*  
POS DEVICE

PUB. NO.: 07-152961 [JP 7152961 A]  
PUBLISHED: June 16, 1995 (19950616)  
INVENTOR(s): ABE YUICHI  
APPLICANT(s): NITSUKO CORP [352301] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 05-325940 [JP 93325940]  
FILED: November 29, 1993 (19931129)  
INTL CLASS: [6] G07G-001/00; G06F-017/60 ; G07G-001/12  
JAPIO CLASS: 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.4  
(INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R002 (LASERS); R107 (INFORMATION PROCESSING -- OCR & OMR  
Optical Readers); R131 (INFORMATION PROCESSING --  
Microcomputers & Microprocessors)

#### ABSTRACT

PURPOSE: To automatically generate a commodity code for a commodity on which a bar code, etc., can not be stuck by discriminating a commodity whose bar code is not detected by a means which discriminates the commodity and generating its commodity code.

CONSTITUTION: When a commodity is made to pass below the optical input terminal 2-2 of an optical input device 2, an image of the commodity is inputted to the optical input terminal 2-2. Then image data on the commodity are sent to a signal (image) processor 2-1, which performs an image process; when there is a bar code in the image a commodity code is read out of image data on the bar code and outputted. When there is no bar code in the image, on the other hand, feature parts of the shape, size, color, etc., of the commodity are read out, what the commodity is discriminated from the features, and its commodity code is generated. When the commodity code is thus outputted, a CPU 1-1 is used to find its price, etc., by using a PLU (commodity table) stored in a commodity code storage device 1-2 and performs a sales processing.

15/5/21 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015541565 \*\*Image available\*\*  
WPI Acc No: 2003-603721/200357  
XRPX Acc No: N03-481298

**Authentication sales charging method for fast food restaurant, involves transmitting registered authentication photograph and sales code, to point of sales terminal, when user access service site**

Patent Assignee: OPEN MAGIC KK (OPEN-N); WILL CORP KK (WILL-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003223599	A	20030808	JP 200220586	A	20020129	200357 B

Priority Applications (No Type Date): JP 200220586 A 20020129

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003223599	A	13	G06F-017/60	

Abstract (Basic): JP 2003223599 A

NOVELTY - The registered authentication photograph related with address of user's mobile telephone (1) and sales code are transmitted to point of sales ( POS ) terminal (2), when user access the service site (4). The received sales code are associated and stored as customer information. The customer information with same sales code, is collected for each fixed period, and corresponding charge is calculated and notified to user.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for authentication sales billing information provision apparatus.

USE - For charging network based sales in fast food restaurant, book store, tailor shop, using personal digital assistant (PDA), mobile telephone.

ADVANTAGE - The sales clerk can confirm the user, by viewing the authentication photograph and sales code of the user and goods delivery can be performed easily.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the sales billing information provision apparatus. (Drawing includes non-English language text).

mobile telephone (1)

POS terminal (2)

shop server (3)

service site (4)

bank server (5)

pp; 13 DwgNo 1/11

Title Terms: AUTHENTICITY; SALE; CHARGE; METHOD; FAST; FOOD; RESTAURANT; TRANSMIT; REGISTER; AUTHENTICITY; PHOTOGRAPH; SALE; CODE; POINT; SALE; TERMINAL; USER; ACCESS; SERVICE; SITE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G07G-001/12; G07G-001/14

File Segment: EPI

15/5/22 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015531221 \*\*Image available\*\*

WPI Acc No: 2003-593371/200356

XRPX Acc No: N03-472801

**Point-of-sales terminal apparatus operation monitoring system used in shop, verifies monitoring image information received from point-of-sales terminal apparatus with image captured by camera**

Patent Assignee: TONFU KK (TONF-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003217028	A	20030731	JP 200215490	A	20020124	200356 B

Priority Applications (No Type Date): JP 200215490 A 20020124

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003217028	A	9	G07G-001/00	

Abstract (Basic): JP 2003217028 A

NOVELTY - A **transmitter** (21) **transmits image** captured by surveillance camera (2) installed in a shop to monitoring management apparatus (40). A management database stores monitoring image information related to payment processing received from point-of-sales terminal apparatus (1). A verification unit (62) verifies monitoring image information with captured image.

USE - For monitoring operation of point-of-sales ( POS ) terminal apparatus used in shop, store, supermarket, restaurant.

ADVANTAGE - Prevents incorrect processing of payment by verifying monitoring image information with captured image.

DESCRIPTION OF DRAWING(S) - The figure shows the monitoring system of point-of-sales terminal apparatus. (Drawing includes non-English language text).

point-of-sales terminal apparatus (1)

surveillance camera (2)

transmitter (21)

monitoring management apparatus (40)

verification unit (62)

pp; 9 DwgNo 1/2

Title Terms: POINT; SALE; TERMINAL; APPARATUS; OPERATE; MONITOR; SYSTEM; SHOP; VERIFICATION; MONITOR; IMAGE; INFORMATION; RECEIVE; POINT; SALE; TERMINAL; APPARATUS; IMAGE; CAPTURE; CAMERA

Derwent Class: T01; T05; W02

International Patent Class (Main): G07G-001/00

International Patent Class (Additional): **G06F-017/60** ; G07G-001/12;

G07G-001/14; H04N-007/18

File Segment: EPI

**15/5/23 (Item 3 from file: 350)**

DIALOG(R)File 350;Derwent WPIX

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015465983 \*\*Image available\*\*

WPI Acc No: 2003-528125/200350

XRPX Acc No: N03-419160

**Networked printing service system for digital image data, delivers printed image to designated shop based on print content, shop designation data so that shop informs ordering person about receipt of printed image from firm**

Patent Assignee: NIPPON DENKI ENG KK (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003114770	A	20030418	JP 2001307023	A	20011003	200350 B

Priority Applications (No Type Date): JP 2001307023 A 20011003

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003114770	A	3	G06F-003/12	

Abstract (Basic): JP 2003114770 A

NOVELTY - A printing firm (2) delivers a printed image to a designated shop (3) based on received print order data, print content, shop designation data from a user (1), after **receipt** of payment. The **print image** delivery data is output to the designated shop from the printing firm. The designated shop notifies the **receipt** of **printed image** to the user after the **receipt** of the **printed image** from the **printing** firm.

USE - Networked printing service system for digital image data.

ADVANTAGE - Enables to order and receive printed images throughout 24 hours using internet easily at any desired place.

DESCRIPTION OF DRAWING(S) - The figure shows a networked printing service system. (Drawing includes non-English language text).

user terminal (1)

printing firm (2)

shop (3)

pp; 3 DwgNo 1/1

Title Terms: PRINT; SERVICE; SYSTEM; DIGITAL; IMAGE; DATA; DELIVER; PRINT; IMAGE; DESIGNATED; SHOP; BASED; PRINT; CONTENT; SHOP; DESIGNATED; DATA; SO; SHOP; INFORMATION; ORDER; PERSON; RECEIPT; PRINT; IMAGE; FIRM

Derwent Class: T01; T04

International Patent Class (Main): G06F-003/12

International Patent Class (Additional): **G06F-017/60**

File Segment: EPI

**15/5/24 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015422869 \*\*Image available\*\*

WPI Acc No: 2003-485011/200346

XRPX Acc No: N03-385695

**Till receipt reader system including optical reader that scans receipt and uses recognition software to identify objects listed and produce data file of receipt**

Patent Assignee: ACCENTURE GLOBAL SERVICES GMBH (ACCE-N); BERGLUND D (BERG-I); GOODYEAR M (GOOD-I); ILLSLEY M (ILLS-I); KALDOR J (KALD-I)

Inventor: BERGLUND D; GOODYEAR M; ILLSLEY M; KALDOR J

Number of Countries: 027 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1308877	A1	20030507	EP 2001410143	A	20011031	200346 B
US 20030089780	A1	20030515	US 2002282723	A	20021028	200346

Priority Applications (No Type Date): EP 2001410143 A 20011031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1308877	A1	E	7	G06K-009/20	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

US 20030089780 A1 G06F-017/60

Abstract (Basic): EP 1308877 A1

NOVELTY - Includes an optical reader (1) that acquires a digital **image** from a **printed receipt** including a standard format printed list. An optical character recognition system extracts from the digital image the object identifiers contained in the list. A database (15) is then searched for information about the objects on the basis of the object identifiers. A data file is generated including the collected

information.

USE - For converting printed till receipts into data files that can be read by book keeping or spreadsheet software used by customers for personal accounting purposes.

ADVANTAGE - Provides automated system that is compatible with several electronic formats and printed receipt formats.

DESCRIPTION OF DRAWING(S) - The drawing shows a block diagram of the system.

Optical reader (1)

Database (15)

pp; 7 DwgNo 1/2

Title Terms: TILL; RECEIPT; READ; SYSTEM; OPTICAL; READ; SCAN; RECEIPT;

RECOGNISE; SOFTWARE; IDENTIFY; OBJECT; LIST; PRODUCE; DATA; FILE; RECEIPT

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-017/60 ; G06K-009/20

International Patent Class (Additional): G06K-007/10

File Segment: EPI

15/5/25 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2003 Thomson Derwent. All rts. reserv.

015357584 \*\*Image available\*\*

WPI Acc No: 2003-418522/200339

XRPX Acc No: N03-333919

**Digital contents set for digital photo service system, comprises encoded low and high resolution contents obtained by encoding low and high resolution digital contents by specific public keys**

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF )

Inventor: KATAYAMA T; UMEDA T

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030041034	A1	20030227	US 2002206863	A	20020729	200339 B
JP 2003046697	A	20030214	JP 2001229745	A	20010730	200339

Priority Applications (No Type Date): JP 2001229745 A 20010730

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030041034	A1		19	G06F-017/60	
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JP 2003046697	A		13	H04N-001/00	
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Abstract (Basic): US 20030041034 A1

NOVELTY - Encoded low and high resolution digital contents are obtained respectively by encoding low and high resolution digital contents by specific public keys.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) a printing order receiving system;
- (2) a computer program loaded in a user terminal to conform the user terminal to a system; and
- (3) a computer-readable medium storing program to conform the user terminal to a system.

USE - For digital **photo** service system and **print order receipt** system for receiving order for prints such as photo, template for making postcards.

ADVANTAGE - Prevents illegal use of copyrighted digital contents. Enhances security, as the high resolution digital contents are not decoded by the user terminal and it is not distributed to the user. As the order for prints is made by only using the display template data

and the proofing template data out of the template set delivered to the user, the illegal use and drain on the high quality output template can be prevented. As the accounting is made according to the number of prints made by the service shop, the copyright royalty is collected properly.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic block diagram of digital **photo** service system and **print** order **receipt** system.

pp; 19 DwgNo 1/10

Title Terms: DIGITAL; CONTENT; SET; DIGITAL; PHOTO; SERVICE; SYSTEM;  
COMPRISE; ENCODE; LOW; HIGH; RESOLUTION; CONTENT; OBTAIN; ENCODE; LOW;  
HIGH; RESOLUTION; DIGITAL; CONTENT; SPECIFIC; PUBLIC; KEY  
Derwent Class: P85; T01; W04  
International Patent Class (Main): **G06F-017/60** ; H04N-001/00  
International Patent Class (Additional): G09C-001/00; H04L-009/14  
File Segment: EPI; EngPI

**15/5/26 (Item 6 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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015330236 \*\*Image available\*\*  
WPI Acc No: 2003-391171/200337  
XRPX Acc No: N03-312421

**Billing statement constructing method for advertising consumers, involves storing digital documents in common file associated with another digital document**

Patent Assignee: ELECTRONIC IMAGING SYSTEMS AMERICA INC (ELIM-N)

Inventor: LOPEZ M E; METSIG J; WEIBEL W J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6505173	B1	20030107	US 98104538	P	19981016	200337 B
			US 99418744	A	19991015	

Priority Applications (No Type Date): US 98104538 P 19981016; US 99418744 A 19991015

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6505173	B1		5	G06F-017/60	Provisional application US 98104538

Abstract (Basic): US 6505173 B1

NOVELTY - Two digital documents are stored in a common file associated with another digital document, after finding and copying digital document to an invoice database. The other digital document represents an **invoice** for **printed** advertisement **image**, and specifies an identifier range for invoiced print advertisements..

DETAILED DESCRIPTION - The advertisement and bill may be printed and sent to customer or may be downloaded by customer.

USE - For constructing billing statement for advertising consumers placing advertisements in print publications.

ADVANTAGE - Generates billing statement automatically and digitally with attached advertising copy and published page containing such advertising copy.

DESCRIPTION OF DRAWING(S) - The figure shows a computer system for running a billing system according to the method for constructing billing statement for advertising consumers.

pp; 5 DwgNo 2/7

Title Terms: BILL; STATEMENT; CONSTRUCTION; METHOD; ADVERTISE; CONSUME;  
STORAGE; DIGITAL; DOCUMENT; COMMON; FILE; ASSOCIATE; DIGITAL; DOCUMENT

Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

15/5/27 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015224117 \*\*Image available\*\*  
WPI Acc No: 2003-285029/200328  
XRPX Acc No: N03-226912

Point -of- sale dealing management method for convenience store,  
involves transmitting demodulated two dimensional image data of  
preset code format to point -of- sale terminal, based on priority

Patent Assignee: PRO TECT KK (PROT-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003085658	A	20030320	JP 2001316066	A	20010907	200328 B

Priority Applications (No Type Date): JP 2001316066 A 20010907

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003085658	A		10	G07G-001/14	

Abstract (Basic): JP 2003085658 A

NOVELTY - A display section (63) of a mobile telephone (6) containing the two-dimensional image, is mounted on a window (41a) of a scanner (4). A converter (42) converts the demodulated scanned image data into preset code format and transmits the image data to a point -of- sale ( POS ) terminal (1), based on priority.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for point -of- sale dealing management system.

USE - For managing point of sale dealings in convenience store, shop, etc., using mobile telephone.

ADVANTAGE - As the two-dimensional image corresponding to POS dealings are read from the display section of the mobile telephone, the POS dealings are effectively managed.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the POS dealing management system. (Drawing includes non-English language text).

POS terminal (1)  
scanner (4)  
mobile telephone (6)  
window (41a)  
converter (42)  
display section (63)  
pp; 10 DwgNo 1/3

Title Terms: POINT; SALE; DEAL; MANAGEMENT; METHOD; CONVENIENT; STORAGE;  
TRANSMIT; DEMODULATE; TWO; DIMENSION; IMAGE; DATA; PRESET; CODE; FORMAT;  
POINT; SALE; TERMINAL; BASED; PRIORITY

Derwent Class: T01; T04; T05; W01

International Patent Class (Main): G07G-001/14

International Patent Class (Additional): G06F-017/60 ; G06K-007/00;

G06K-019/06; G06K-019/07; G07F-017/00; H04Q-007/38

File Segment: EPI

15/5/28 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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015174346      \*\*Image available\*\*  
WPI Acc No: 2003-234874/200323  
XRPX Acc No: N03-187106

**Information output system for use with point of sale terminal, outputs instructions to point of sale terminal, to record new contents for access by user of personal digital assistant, based on user access frequency**

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003050923	A	20030221	JP 2001236364	A	20010803	200323 B

Priority Applications (No Type Date): JP 2001236364 A 20010803

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003050923	A	13	G06F-017/60	

Abstract (Basic): JP 2003050923 A

NOVELTY - A **point of sale ( POS )** terminal (70) outputs a signal to a server (90), when a service requirement signal is received from the personal digital assistant (PDA) (40) of a user. The server determines whether the user access frequency exceeds a threshold, and accordingly outputs erasure instructions to the **POS** terminal, to record new contents in a recording unit (786) in the **POS** terminal for access by the user.

USE - Information output system for use with **point of sale** terminal, to provide information to personal digital assistant user.

ADVANTAGE - Optimal **transmission image** or data to user, is enabled according to user access frequency.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the information output system. (Drawing includes non-English language text).

personal digital assistant (40)

**point of sale** terminal (70)

server (90)

recording unit (786)

pp; 13 DwgNo 1/4

Title Terms: INFORMATION; OUTPUT; SYSTEM; POINT; SALE; TERMINAL; OUTPUT; INSTRUCTION; POINT; SALE; TERMINAL; RECORD; NEW; CONTENT; ACCESS; USER; PERSON; DIGITAL; ASSIST; BASED; USER; ACCESS; FREQUENCY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G06F-017/30

File Segment: EPI

**15/5/29      (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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015076717      \*\*Image available\*\*  
WPI Acc No: 2003-137235/200313

**POS display system offering moving picture advertisement**

Patent Assignee: KIM W C (KIMW-I)

Inventor: KIM W C

Number of Countries: 001 Number of Patents: 001



Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002071122	A	20020912	KR 200111061	A	20010303	200313 B

Priority Applications (No Type Date): KR 200111061 A 20010303

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002071122	A		1 G06F-017/60	

Abstract (Basic): KR 2002071122 A

NOVELTY - A **POS** (Point Of Sales) display system is provided to offer various advertisements, for example, a public advertisement, a commercial advertisement or a guide advertisement by adding a moving picture or an image advertisement display function to basic **POS** display functions, for example, displaying a commodity name or a price.

DETAILED DESCRIPTION - The system comprises an LCD(Liquid Crystal Display) monitor(10), a host computer(200), a controller(50), a moving picture regenerator(110), and a power supply terminal(90). The LCD monitor(10), connected to a **POS** system, receives data on a commodity, and displays a price of each purchased commodity or a total amount for enabling a customer to check them. The host computer(200) stores customer data, for example, a purchase inclination, and moving **picture** advertisement, and **transmits** the advertisement via a communication connector. The controller(50) controls displaying the purchase data and the advertisement, individually or simultaneously. The moving picture regenerator(110) receives the advertisement from the host computer(200) and regenerates the advertisement according to the control signal of the controller(50). The LCD monitor(10) displays the purchase data and the advertisement on a divided screen, or alternately displays the purchase data and the advertisement on a single screen according to the control signal of the controller(50).

USE - **Point Of Sale** advertisement display system.

ADVANTAGE - Allows purchase data and advertisement information to be displayed to the customer at the same time enabling the advertisement data to have more of an impact on the customer.

pp; 1 DwgNo 1/10

Title Terms: **POS ; DISPLAY; SYSTEM; OFFER; MOVE; PICTURE; ADVERTISE**

Derwent Class: T01; T05; W05

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

15/5/30 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014891790 \*\*Image available\*\*

WPI Acc No: 2002-712496/200277

XRPX Acc No: N02-562027

**Digital image storage method involves performing point -of sale transaction for storing digital image received from imaging device such as camera, at remote site**

Patent Assignee: KIM S Y (KIMS-I); MEYER J F (MEYE-I)

Inventor: KIM S Y; MEYER J F

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020116278	A1	20020822	US 2001785969	A	20010217	200277 B

Priority Applications (No Type Date): US 2001785969 A 20010217

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20020116278 A1 6 G06F-017/60

Abstract (Basic): US 20020116278 A1

NOVELTY - A digital image is received from the memory of an imaging device e.g. digital camera. A **point -of- sale** transaction is performed in a mini-kiosk for **storing** digital **image** at a remote site.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Digital image storage system;
- (2) Mini-kiosk; and
- (3) Article for machine having processor and interface.

USE - For receiving digital images stored in digital camera, handheld scanner, inkjet printer, personal or notebook computer, desktop computer, personal digital assistant (PDA), etc., and **storing** the **images** at a remote site e.g. image storage web site, photo-sharing server, etc., using transaction machine e.g. mini-kiosk.

ADVANTAGE - Allows the customer to quickly and easily **download** the **images** from the remote site. Since the users can store the captured digital images at a remote site, photographing capability is increased without carrying additional memory, purchasing expensive high-capacity memory or having to access storage device. Also, allows users to share their image with others.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart for **storing** digital **images** at a remote site.

pp; 6 DwgNo 1/3

Title Terms: DIGITAL; IMAGE; STORAGE; METHOD; PERFORMANCE; POINT; SALE; TRANSACTION; STORAGE; DIGITAL; IMAGE; RECEIVE; IMAGE; DEVICE; CAMERA; REMOTE; SITE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/31 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014796631 \*\*Image available\*\*

WPI Acc No: 2002-617337/200266

XRPX Acc No: N02-488536

**Internet based receipt printing method for thermal printer, involves converting retrieved image to pixel matrix representation and printing scan lines by selectively printing pixels corresponding to representation**

Patent Assignee: GORING B R (GORI-I)

Inventor: GORING B R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020077892	A1	20020620	US 2000738725	A	20001215	200266 B

Priority Applications (No Type Date): US 2000738725 A 20001215

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20020077892 A1 8 G06F-017/60

Abstract (Basic): US 20020077892 A1

NOVELTY - Transaction information is downloaded corresponding to

which an image is retrieved. The image is converted to a pixel matrix representation and the scan lines are printed by selectively printing the pixels corresponding to the representation.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Receipt printing system;
- (2) Receipt generation apparatus; and
- (3) Advertising method of image printing.

USE - For printing coupons and **receipts** with **printed images** using **receipt printers** such as thermal printer, swecoin printer, dot matrix printer.

ADVANTAGE - By printing several scan lines in succession or in alternating succession with specified pixels turned ON/OFF, the printer can be employed to print high resolution/low resolution images and also have the ability to provide text, images or combination of text and **images** on each **printed receipt** /coupon.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of coupon printing system.

pp; 8 DwgNo 1/3

Title Terms: BASED; RECEIPT; PRINT; METHOD; THERMAL; PRINT; CONVERT; RETRIEVAL; IMAGE; PIXEL; MATRIX; REPRESENT; PRINT; SCAN; LINE; SELECT; PRINT; PIXEL; CORRESPOND; REPRESENT

Derwent Class: T01; T04; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/32 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014613478 \*\*Image available\*\*

WPI Acc No: 2002-434182/200246

XRPX Acc No: N02-341695

**Real time purchase device using Internet has camera which is moved inside the point of sale in response to the guidance information output by user**

Patent Assignee: FELLUS G (FELL-I); HOFMANN R (HOFM-I)

Inventor: FELLUS G; HOFMANN R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020038252	A1	20020328	US 2001957024	A	20010921	200246 B

Priority Applications (No Type Date): IT 2000MI2091 A 20000926

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020038252	A1		5	G06F-017/60	

Abstract (Basic): US 20020038252 A1

NOVELTY - The user computer (1) and the computer (3) located in a **point of sale** are connected to an Internet server (2). A television camera (4) provided inside the **point of sale** is moved according to the guidance information output by user. The user visits an on-line site in computer (3) which displays the camera **transmitted images** of the **point of sale**.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method for making real time purchases over data communication network.

USE - For home purchasing by directly viewing **point of sale** over Internet.

ADVANTAGE - Offers the user to view interior of the **point of sale** by **transmitting images** using camera. The user guides the operator to carry the camera to desired place in **point of sale** thus allowing the user to be actually present in the **point of sale**.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a real time purchase device.

Computers (1,3)

Internet server (2)

Television camera (4)

pp; 5 DwgNo 1/1

Title Terms: REAL; TIME; PURCHASE; DEVICE; CAMERA; MOVE; POINT; SALE; RESPOND; GUIDE; INFORMATION; OUTPUT; USER

Derwent Class: T01; T05; W01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**15/5/33 (Item 13 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014413855 \*\*Image available\*\*

WPI Acc No: 2002-234558/200229

**On-line display management system of shop and record medium thereof**

Patent Assignee: CHAE O H (CHAE-I)

Inventor: CHAE O H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001099380	A	20011109	KR 200159071	A	20010924	200229 B

Priority Applications (No Type Date): KR 200159071 A 20010924

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001099380	A	1	G06F-017/60	

Abstract (Basic): KR 2001099380 A

NOVELTY - A shop on-line display management system is provided to rapidly change the article which is displayed in a plurality of shops by transferring three-dimensional drawings via the Internet.

DETAILED DESCRIPTION - A designing unit designs shops based upon image data of the shops, office fixtures to be placed within the shops and image data of articles, and stores three-dimensional drawings of the shops as image data. A server(14) **transfers** the **image** data of the three-dimensional drawings and data of the articles included in the three-dimensional drawings via the Internet(10). A plurality of shop computers(16) transfer data via the Internet(10), and display the image data of the stored three-dimensional drawings and the article data stored in the server(14) received via the Internet(10). A plurality of **POS** devices(18) are installed in the shops, and transfer article sale data to the server(14) via the shop computers(16) and the Internet(10). A display unit is connected with the server(14) for displaying the article sale data.

pp; 1 DwgNo 1/10

Title Terms: LINE; DISPLAY; MANAGEMENT; SYSTEM; SHOP; RECORD; MEDIUM

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

15/5/34 (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014306671 \*\*Image available\*\*  
WPI Acc No: 2002-127374/200217  
XRPX Acc No: N02-095810

Consumer activity monitoring device for sales promotion in shops, has  
POS terminal which transmits purchase information of specified customer  
along with time information to analysis terminal through network

Patent Assignee: NEC CORP (NIDE )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001331875	A	20011130	JP 2000152300	A	20000524	200217 B

Priority Applications (No Type Date): JP 2000152300 A 20000524

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2001331875	A	8	G07G-001/12	

Abstract (Basic): JP 2001331875 A

NOVELTY - An analysis terminal (2) is connected to a camera (11) and POS terminal (12) through network (100). The camera picks up image of customer and transmits it to the terminal along with the corresponding time stamp. The POS terminal transmits the purchase information of the specified customer along with the time information. The terminal analyzes the remaining number of goods in the vending machine, based on received information.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for consumer activity monitoring method.

USE - For monitoring consumer activity for sales promotion in shops.

ADVANTAGE - By transmitting purchase information from POS terminal and camera to analysis terminal, processing time is reduced. When the customer does not purchase any goods, troublesomeness given to him is avoided.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the consumer activity monitoring device. (Drawing includes non-English language text).

Analysis terminal (2)

Camera (11)

POS terminal (12)

Network (100)

pp; 8 DwgNo 1/7

Title Terms: CONSUME; ACTIVE; MONITOR; DEVICE; SALE; PROMOTE; SHOP; POS ;  
TERMINAL; TRANSMIT; PURCHASE; INFORMATION; SPECIFIED; CUSTOMER; TIME;  
INFORMATION; ANALYSE; TERMINAL; THROUGH; NETWORK

Derwent Class: T01; T05

International Patent Class (Main): G07G-001/12

International Patent Class (Additional): G06F-017/60

File Segment: EPI

15/5/35 (Item 15 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014274364 \*\*Image available\*\*  
WPI Acc No: 2002-095066/200213

XRPX Acc No: N02-070610

**Printing order receiving system for use in shop front, prints receipt which contains purchase order content based on thumbnail image and information, corresponding to image data**

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF )

Inventor: SHINKAI Y

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001339557	A	20011207	JP 2000160738	A	20000530	200213 B
US 20020052753	A1	20020502	US 2001863476	A	20010524	200234

Priority Applications (No Type Date): JP 2000160738 A 20000530

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001339557	A		6	H04N-001/00	
US 20020052753	A1			G06F-017/60	

Abstract (Basic): JP 2001339557 A

NOVELTY - A purchase order receiver (1) transmits digital image data and purchase order information to an **image printer** (3) which **prints** the thumbnail **image**. A **receipt printer** (2) prints the **receipt** containing the purchase order content based on thumbnail image and information corresponding to image data.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for printing order receiving method.

USE - For receiving print order of photographic image in shop fronts.

ADVANTAGE - **Prints** thumbnail **image** in the **receipt** which attracts an orderer. An orderer can confirm clearly the thumbnail image of an order. Hence, occurrence of trouble between sales clerks and customer can be prevented.

DESCRIPTION OF DRAWING(S) - The figure shows the outline component of printing order receiving system. (Drawing includes non-English language text).

Purchase order receiver (1)

Receipt printer (2)

Image printer (3)

pp; 6 DwgNo 1/7

Title Terms: PRINT; ORDER; RECEIVE; SYSTEM; SHOP; FRONT; PRINT; RECEIPT; ,  
CONTAIN; PURCHASE; ORDER; CONTENT; BASED; IMAGE; INFORMATION; CORRESPOND;  
IMAGE; DATA

Derwent Class: P74; P75; P82; T01; T04; W02

International Patent Class (Main): **G06F-017/60** ; H04N-001/00

International Patent Class (Additional): B41B-001/00; B41F-001/00;

B41J-001/00; B41J-021/00; B41J-029/38; G03B-027/46; G06F-015/00;

G06K-001/00; G06T-003/00; H04N-001/387

File Segment: EPI; EngPI

15/5/36 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014120644 \*\*Image available\*\*

WPI Acc No: 2001-604856/200169

XRPX Acc No: N01-451570

**Point of sales system records customer's face image along with sales data in point of sales terminal**

Patent Assignee: SYSTEM AV KK (SYST-N)

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001118146	A	20010427	JP 99298362	A	19991020	200169 B
JP 3347107	B2	20021120	JP 99298362	A	19991020	200282

Priority Applications (No Type Date): JP 99298362 A 19991020

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001118146	A		8	G07G-001/00	
JP 3347107	B2		7	G07G-001/00	Previous Publ. patent JP 2001118146

Abstract (Basic): JP 2001118146 A

NOVELTY - Image of customer's face is photographed by cameras (40,45) provided to **POS** terminal (10), when a register settles the goods purchased by customer. The photographed image is recorded along with sales data in **POS** terminal. The **POS** terminal **transmits image** data and sales data to a central headquarters host computer (60) via a communication circuit (30).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for security system.

USE - Point of sales ( **POS** ) system.

ADVANTAGE - Since customer's face image, customer data are recorded along with sales data and transmitted to the central headquarters via a communication circuit, marketing strategy is analyzed easily by the obtained data, and can be used for sales promotion. Enables to view accident, theft, the shops status from the headquarters center.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of point of sales system. (Drawing includes non-English language text).

**POS** terminal (10)

Communication circuit (30)

Cameras (40,45)

Host computer (60)

pp; 8 DwgNo 1/6

Title Terms: POINT; SALE; SYSTEM; RECORD; CUSTOMER; FACE; IMAGE; SALE; DATA ; POINT; SALE; TERMINAL

Derwent Class: S05; T01; T05

International Patent Class (Main): G07G-001/00

International Patent Class (Additional): **G06F-017/60** ; G08B-025/00; G08B-025/04

File Segment: EPI

**15/5/37 (Item 17 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014036089 \*\*Image available\*\*

WPI Acc No: 2001-520302/200157

XRPX Acc No: N01-385283

**Remote credit card authentication method for purchasing transaction at point -of- sale , involves matching processed finger print image of owner of credit card**

Patent Assignee: ELIE M (ELIE-I); TAL B (TALB-I)

Inventor: GOTTFRIED O

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6270011	B1	20010807	US 9887068	A	19980528	200157 B
			US 99322012	A	19990528	

Priority Applications (No Type Date): US 9887068 P 19980528; US 99322012 A 19990528

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6270011	B1	13	G06F-017/60	Provisional application	US 9887068

Abstract (Basic): US 6270011 B1

NOVELTY - The finger print image is processed in a finger print scanner connected as an add-on unit where purchase transaction is initiated. The personal information including the processed **image** is **transmitted** to credit card database where information is matched with stored personal information including finger print image of the owner of the credit card. A message is provided based on process result to purchaser location for completion of purchase transaction.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a remote credit card authentication system.

USE - For authorizing credit card purchasing transaction at **point** -of- **sale** or over the internet.

ADVANTAGE - Provides low cost which significantly increases the security level of credit card transactions. Eliminates fraudulent activities by verifying the identity of user of the card, thereby avoiding use of stolen cards by others.

DESCRIPTION OF DRAWING(S) - The figure shows the electronic schematic block diagram of internet-based credit card authentication adopter system.

pp; 13 DwgNo 7/8

Title Terms: REMOTE; CREDIT; CARD; AUTHENTICITY; METHOD; PURCHASE; TRANSACTION; POINT; SALE; MATCH; PROCESS; FINGER; PRINT; IMAGE; OWNER; CREDIT; CARD

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

15/5/38 (Item 18 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013475240 \*\*Image available\*\*

WPI Acc No: 2000-647183/200062

XRPX Acc No: N01-025277

**Revenue generating method for communication system with subscriber terminals includes charging user amount of money for use of the subscriber terminal and displaying advertisement at that subscriber terminal**

Patent Assignee: ZIP TELECOM LTD (ZIPT-N); KAILAS R (KAIL-I)

Inventor: KAILAS R; KAILAS R S

Number of Countries: 092 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200057624	A2	20000928	WO 2000IB309	A	20000316	200062 B
AU 200033137	A	20001009	AU 200033137	A	20000316	200103
EP 1163793	A2	20011219	EP 2000911143	A	20000316	200206
			WO 2000IB309	A	20000316	
BR 200009111	A	20020528	BR 20009111	A	20000316	200239
			WO 2000IB309	A	20000316	
KR 2001113844	A	20011228	KR 2001711938	A	20010919	200240
CN 1357193	A	20020703	CN 2000807633	A	20000316	200265
JP 2002540681	W	20021126	JP 2000607395	A	20000316	200307



Priority Applications (No Type Date): US 99125189 P 19990319

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200057624 A2 E 54 H04M-015/00

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200033137 A H04M-015/00 Based on patent WO 200057624

EP 1163793 A2 E H04M-017/02 Based on patent WO 200057624

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

BR 200009111 A H04M-015/00 Based on patent WO 200057624

KR 2001113844 A H04M-017/00

CN 1357193 A H04M-017/02

JP 2002540681 W 53 H04M-015/00 Based on patent WO 200057624

Abstract (Basic): WO 200057624 A2

NOVELTY - Method involves under the control of a central server, collecting advertisements from advertisers and distributing at least one advertisements over the network to subscriber terminal which is not in use by a user. Under the control of the subscriber terminal, charging a user an amount of money for use of the subscriber terminal and displaying advertisement at that subscriber terminal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for generating revenue from advertising over a communication network and a computer readable data storage medium having program codes recorded in it.

USE - Advertising on **pay phones** over a communication network..

ADVANTAGE - This method does not rely on the local exchange or the telephone access network for call charge accounting or for **image storing**, processing or **transmission**.

DESCRIPTION OF DRAWING(S) - Drawing shows a system which includes a central server and advanced subscriber terminals.

pp; 54 DwgNo 2/5

Title Terms: REVENUE; GENERATE; METHOD; COMMUNICATE; SYSTEM; SUBSCRIBER; TERMINAL; CHARGE; USER; AMOUNT; MONEY; SUBSCRIBER; TERMINAL; DISPLAY; ADVERTISE; SUBSCRIBER; TERMINAL

Derwent Class: P85; T01; T05; W01; W02; W05

International Patent Class (Main): H04M-015/00; H04M-017/00; H04M-017/02

International Patent Class (Additional): **G06F-017/60** ; G09F-027/00;

H04M-003/487; H04M-003/533

File Segment: EPI; EngPI

15/5/39 (Item 19 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013223612 \*\*Image available\*\*

WPI Acc No: 2000-395486/200034

XRPX Acc No: N00-297240

**Information providing system for use as newspaper price receipt terminal equipment, forwards image information via data circuit to terminal equipment for registers**

Patent Assignee: ISHIKAWA DAIKI KEIEI KAIKEI JIMUSHO KK (ISHI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000137754	A	20000516	JP 98312331	A	19981102	200034 B

Priority Applications (No Type Date): JP 98312331 A 19981102

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000137754	A		7 G06F-017/60	

Abstract (Basic): JP 2000137754 A

NOVELTY - The register apparatus (13) **prints image** information in a **receipt** paper in addition to receipt inherent information. The terminal equipment for providing information (2) which forwards image information via data circuit (DL) to the terminal equipment for registers (12) of an register apparatus (13) is connected.

DETAILED DESCRIPTION - Display device is provided for display of image information to receipt paper issue apparatus (11) via data circuit. The receipt transferred from terminal with selector (15), forwards image information chosen for display in another display device.

USE - For provision of image information on newsprint, newspaper price receipt used in store and for advertisements.

ADVANTAGE - The system enables the user to select any information randomly.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic block diagram of apparatus.

Terminal equipment of providing information(11) Receipt paper issue apparatus (2)

Registers (12)

Register apparatus (13)

Selector (15)

pp; 7 DwgNo 1/3

Title Terms: INFORMATION; SYSTEM; NEWSPAPER; PRICE; RECEIPT; TERMINAL;

EQUIPMENT; FORWARD; IMAGE; INFORMATION; DATA; CIRCUIT; TERMINAL;

EQUIPMENT; REGISTER

Derwent Class: P76; T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): B42D-011/00; B42D-015/04

File Segment: EPI; EngPI

**15/5/40 (Item 20 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012727738 \*\*Image available\*\*

WPI Acc No: 1999-533851/199945

XRPX Acc No: N99-396556

**Merchandise management system in point of sale terminal used in convenience stores - transmits goods place and image data to console and rewrites number data of stock using inventory memory to which data regarding number of sold goods is transmitted**

Patent Assignee: NIPPON DENKI IDO TSUSHIN KK (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11232336	A	19990827	JP 9831431	A	19980213	199945 B

Priority Applications (No Type Date): JP 9831431 A 19980213

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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JP 11232336 A 6 G06F-017/60

Abstract (Basic): JP 11232336 A

NOVELTY - Layout process unit (4) and image data processing unit (5) transmits the goods place and **image** data **sent** from data search unit (3) to a console (1). The data regarding number of sold goods is transmitted to an inventory control unit (7), which stores the number data of goods in stock and rewrites the number data of stock.

USE - For use in **point** of **sale** terminals in convenience stores.

ADVANTAGE - By storing the place where the goods is stored, immediately dispatch of the goods is done without searching. By rewriting the number of stocks, the increase or decrease of the quantity of sold goods is determined. DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the merchandise management system.

(1) Console; (3) Data search unit; (4) Layout process unit; (5) Image data processing unit; (7) Inventory control unit.

Dwg.1/3

Title Terms: MERCHANDISE; MANAGEMENT; SYSTEM; POINT; SALE; TERMINAL; CONVENIENT; STORAGE; TRANSMIT; GOODS; PLACE; IMAGE; DATA; CONSOLE; REWRITING; NUMBER; DATA; STOCK; INVENTORY; MEMORY; DATA; NUMBER; SOLD; GOODS; TRANSMIT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-019/00

File Segment: EPI

15/5/41 (Item 21 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012094766 \*\*Image available\*\*

WPI Acc No: 1998-511677/199844

XRPX Acc No: N98-399390

**POS terminal equipment - has printer which prints bill and receipt based on output of image input unit and control circuit received through CPU**

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10222760	A	19980821	JP 9726492	A	19970210	199844 B

Priority Applications (No Type Date): JP 9726492 A 19970210

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10222760	A		6 G07G-001/12	

Abstract (Basic): JP 10222760 A

The equipment consists of a card reader (2) which reads the information from a credit card. The visitor's sign is input to an image input unit (5a). A control circuit (6a) converts the output of the image input unit as image data.

A CPU (1a) controls the operation of the image control circuit and a thermal printer (10) based on output of the **image** input unit. The **printer** prints **receipt** and bill based on data output from the image input unit and the control circuit.

ADVANTAGE - Prints several bills by using stored visitor's sign. Has same printer to print receipt and bill.

Dwg.1/5

Title Terms: POS; TERMINAL; EQUIPMENT; PRINT; PRINT; BILL; RECEIPT; BASED; OUTPUT; IMAGE; INPUT; UNIT; CONTROL; CIRCUIT; RECEIVE; THROUGH; CPU

Index Terms/Additional Words: POINT; OF; SALES  
Derwent Class: P75; T01; T05  
International Patent Class (Main): G07G-001/12  
International Patent Class (Additional): B41J-005/30; **G06F-017/60**  
File Segment: EPI; EngPI

**15/5/42 (Item 22 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

011935775 \*\*Image available\*\*

WPI Acc No: 1998-352685/199831

XRPX Acc No: N98-275811

**Image data processor e.g. for electronic cash register, and point of scales system - selects particular data from POS image file stored in RAM and erases it**

Patent Assignee: CASIO COMPUTER CO LTD (CASK )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10134253	A	19980522	JP 96290464	A	19961031	199831 B

Priority Applications (No Type Date): JP 96290464 A 19961031

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10134253	A	23	G07G-001/06	

Abstract (Basic): JP 10134253 A

The data processor consists of a receiving unit which receives the **image data transmitted** from a server (20) through LAN. The data thus received is stored as **POS image file (33a)** in a RAM (33). Then certain image data is selected and erased.

A printing unit is provided to print the image data on a recording paper. A control unit selects the image data from RAM corresponding to the input data and prints both image and input data.

**ADVANTAGE** - Reduces memory needed to store image data. Utilizes image data, effectively.

Dwg.3/33

Title Terms: IMAGE; DATA; PROCESSOR; ELECTRONIC; CASH; REGISTER; POINT; SCALE; SYSTEM; SELECT; DATA; **POS** ; IMAGE; FILE; STORAGE; RAM; ERASE  
Derwent Class: T01; T05; W02

International Patent Class (Main): G07G-001/06

International Patent Class (Additional): **G06F-017/60** ; G07G-001/12;

H04N-001/387

File Segment: EPI

**15/5/43 (Item 23 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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011608952 \*\*Image available\*\*

WPI Acc No: 1998-026080/199803

XRPX Acc No: N98-020621

**Image printer with receipt printing unit for magnetic disc, optical disc, magneto-optical disc - has receipt information printing unit which prints information required for minimum billing**

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF ); HANEDA N (HANE-I); ITO A (ITOA-I)

Inventor: HANEDA N; ITO A

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9284544	A	19971031	JP 96120778	A	19960419	199803 B
US 20020015161	A1	20020207	US 97839361	A	19970418	200213

Priority Applications (No Type Date): JP 96120778 A 19960419

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9284544	A	30	H04N-001/387	
US 20020015161	A1		B41J-001/00	

Abstract (Basic): JP 9284544 A

The printer has a digital medium reading scanner (42) for reading a digital image data recorded by a hard disc drive (40). The image expressed by the digital image data is printed.

A receipt information printing unit (48) is provided for printing the information required for minimum billing.

ADVANTAGE - Records digital image data, reliably.

Dwg.1/39

Title Terms: IMAGE; PRINT; RECEIPT; PRINT; UNIT; MAGNETIC; DISC; OPTICAL; DISC; MAGNETO; OPTICAL; DISC; RECEIPT; INFORMATION; PRINT; UNIT; PRINT; INFORMATION; REQUIRE; MINIMUM; BILL

Derwent Class: P74; P75; P82; T01; T04

International Patent Class (Main): B41J-001/00; H04N-001/387

International Patent Class (Additional): B41B-001/00; B41F-001/00; B41J-005/30; B41J-029/38; B41J-029/42; G03B-027/00; G06F-001/00; G06F-003/12; G06F-015/00; **G06F-017/60** ; G06K-001/00; H04N-001/34

File Segment: EPI; EngPI

**15/5/44 (Item 24 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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011192588 \*\*Image available\*\*

WPI Acc No: 1997-170513/199716

XRPX Acc No: N97-140492

**Point of sales system using electronic bulletin board - has POS terminal which transfers computed use fee information to controller**

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9034954	A	19970207	JP 95187327	A	19950724	199716 B

Priority Applications (No Type Date): JP 95187327 A 19950724

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9034954	A	7	G06F-017/60	

Abstract (Basic): JP 9034954 A

The system has an external input unit (12) through which an image information is input. This information indicates goods sale data such as amount of goods, price. Based on the image information a **POS** terminal (11) computes the use fee of an electronic bulletin board system (14). This use fee is transmitted to a controller (13) and the **image** information is **transmitted** to an electronic bulletin board system.

In the bulletin board system, the **transferred image** is displayed onto a display unit (19), based on a user's operation. This

**image** is also **transferred** to an external display device (16).

ADVANTAGE - Eases settlement of accounts management of fee reliably. Enables direct registration at **POS** terminal.

Dwg.2/10

Title Terms: POINT; SALE; SYSTEM; ELECTRONIC; BOARD; **POS** ; TERMINAL; TRANSFER; COMPUTATION; FEE; INFORMATION; CONTROL

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G07G-001/12

File Segment: EPI

**15/5/45** (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011159530 \*\*Image available\*\*

WPI Acc No: 1997-137455/199713

**Monitor type POS appts for departmental store - has third memory in POS operation management unit in which signal from image processing unit corresponding to transmitted image information is stored**

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9016852	A	19970117	JP 95168486	A	19950704	199713 B

Priority Applications (No Type Date): JP 95168486 A 19950704

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 9016852	A	7	G07G-001/00	

Abstract (Basic): JP 9016852 A

The appts. (1) has a first memory (3) in a **POS** operation management unit (2). The set master data are stored in the first memory. A data processing unit (5) process the data input by a data entry unit (4). The data processed by the data processing unit is stored in a second memory (6). An **image transmission** unit (10) **transmits** the **image** information obtained by a camera (9) to an image processing unit (12).

The image processing unit converts the **transmitted image** information to corresponding signal and displays it in a display unit (7) of the management unit. A third memory (11) stores the signal obtained by the image processing unit.

ADVANTAGE - Reduces monopoly space, Obtains recognition information with high degree of recognition. Excludes duplication of display unit.

Dwg.1/5

Title Terms: MONITOR; TYPE; **POS** ; APPARATUS; DEPARTMENT; STORAGE; THIRD; MEMORY; **POS** ; OPERATE; MANAGEMENT; UNIT; SIGNAL; IMAGE; PROCESS; UNIT; CORRESPOND; TRANSMIT; IMAGE; INFORMATION; STORAGE

Derwent Class: T05; W02

International Patent Class (Main): G07G-001/00

International Patent Class (Additional): **G06F-017/60** ; G07G-001/12; G07G-001/14

File Segment: EPI

**15/5/46** (Item 26 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011048363      \*\*Image available\*\*

WPI Acc No: 1997-026287/199703

XRPX Acc No: N97-022081

**Information management system used in shopping center - in which reception of information transmitted from center is performed by communication function unit and is decoded reception control unit**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8287357	A	19961101	JP 95117889	A	'19950419	199703 B

Priority Applications (No Type Date): JP 95117889 A 19950419

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8287357	A	5	G07G-001/01	

Abstract (Basic): JP 8287357 A

The system makes use of a store information acquisition unit (1) of a **point of sale** terminal (100) for outputting the store information containing an **image** information. A **transmitting** control unit (51) codifies the store information and is sent to a communication function unit (6). The communication unit transmits the store information to a center (200) through a digital communication circuit (300).

The center transmits information which includes an image information received by the communication function unit. A reception control unit (52) carries out the decoding of the received information and displays it on a display device (7).

ADVANTAGE - Enables easy **transmission** and reception of **image** information from both **point of sale** terminal and center.

Dwg.1/2

Title Terms: INFORMATION; MANAGEMENT; SYSTEM; SHOPPING; RECEPTION;  
INFORMATION; TRANSMIT; PERFORMANCE; COMMUNICATE; FUNCTION; UNIT; DECODE;  
RECEPTION; CONTROL; UNIT

Index Terms/Additional Words: POINT; OF; SALES

Derwent Class: T01; T04; T05

International Patent Class (Main): G07G-001/01

International Patent Class (Additional): G06F-013/00; **G06F-017/60** ;

G06T-001/00; G07G-001/14

File Segment: EPI

Set	Items	Description
S1	13539	AU=(KIM S? OR KIM, S?)
S2	1497134	IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? - OR PHOTOGRAPH?
S3	164256	POS OR POINT(1W)SALE OR PAYPHONE? OR PAY()PHONE? OR KIOSK? OR TERMINAL? ? OR CHECKOUT? OR CHECK()OUT?
S4	23467	RECEIPT? OR INVOICE?
S5	250200	PRINT? OR INDICIA? OR IMPRESS? OR IMPRINT? OR INSCRIBE? OR INSCRIPT?
S6	1133032	UPLOAD? OR DOWNLOAD? OR TRANSFER? OR TRANSMI? OR SENT OR S- END? OR STORING
S7	17321	S2(3N)S6
S8	429	S3 AND S7
S9	10	S1 AND S7
S10	7942	S2(3N)S5
S11	306	S10(5N)(PRODUCT? ? OR GOOD? ? OR ITEM? ? OR WARE? OR MERCH- ANDI? OR THUMBNAI? OR THUMB()NAIL?)
S12	1376913	ONLINE OR ON()LINE OR INTERNET OR INTRANET OR WEB? OR HOME- PAGE OR HOME()PAGE OR NETWORK? OR PORTAL? OR WWW OR CYBER? OR LAN OR WAN OR SERVER?
S13	50	S11 AND S12
S14	45	S13 NOT PY>2001
S15	44	S14 NOT PD=20010217:20031008
S16	44	RD (unique items)
S17	0	S8 AND S4

? show file

File 2:INSPEC 1969-2003/Sep W4  
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File 35:Dissertation Abs Online 1861-2003/Sep  
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File 65:Inside Conferences 1993-2003/Oct W1  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Aug  
(c) 2003 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
(c) 2003, EBSCO Pub.

File 474:New York Times Abs 1969-2003/Oct 08  
(c) 2003 The New York Times

File 475:Wall Street Journal Abs 1973-2003/Oct 08  
(c) 2003 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group



16/5/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
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6743488 INSPEC Abstract Number: C2000-12-5260B-109

**Title: An approach to detect the intended output medium from the image data**

Author(s): Eschbach, R.; Hains, C.

Author Affiliation: Xerox Digital Imaging Technol. Center, Webster, NY, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3963 p.178-83

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 2000 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(2000)3963L:178:ADIO;1-9

Material Identity Number: C574-2000-081

U.S. Copyright Clearance Center Code: 0277-786X/2000/\$15.00

Conference Title: Color Imaging: Device-Independent Color, Color Hardcopy, and Graphic Arts V

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol

Conference Date: 25-28 Jan. 2000 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: One of the image quality problems with printing images from the **Web** is that the color information associated with those images is normally incomplete, or even incorrect. In order to generate a **good printout** of an arbitrary **image** from the **Web**, certain assumptions have to be made. The major variant in image quality can be found in terms of the intended gamma the image was designed for. The example is a **Website** hosting an image collection. The site might allow you to browse and print images. However, browsing is normally done on a monitor with a gamma of roughly 2 and printing is done on a xerographic or ink-jet printer with a gamma of 1. The display and print images will therefore differ quite drastically, unless the gamma is corrected. Unfortunately, it is not known which gamma setting was used by the **Website**, and therefore a fixed conversion (e.g.: always assuming the data is intended for monitor gamma) is often faulty. This talk describes a way around this problem by trying to automatically identify the correct gamma based on the image data. (0 Refs)

Subfile: C

Descriptors: image colour analysis; printing

Identifiers: intended output medium detection; image data; image quality problems; **Web**; **WWW**; **Website**; image collection

Class Codes: C5260B (Computer vision and image processing techniques); C5550 (Printers, plotters and other hard-copy output devices)

Copyright 2000, IEE

16/5/2 (Item 2 from file: 2)  
DIALOG(R)File 2:INSPEC  
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6743486 INSPEC Abstract Number: C2000-12-6130B-023

**Title: Scalable resolution transformation with anti-aliasing by outlining with approximated B-spline curve and re-rendering**

Author(s): Sakaue, E.

Author Affiliation: Res. & Dev. Center, Toshiba Corp., Kawasaki, Japan

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3963 p.155-66

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 2000 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(2000)3963L:155:SRTW;1-M

Material Identity Number: C574-2000-081

U.S. Copyright Clearance Center Code: 0277-786X/2000/\$15.00

Conference Title: Color Imaging: Device-Independent Color, Color Hardcopy, and Graphic Arts V

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol

Conference Date: 25-28 Jan. 2000 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P); Experimental (X)

Abstract: This paper presents a developed scaleable resolution transformation method with high image quality, real-time processing and small circuitry. The progress of **networked** multifunctional hard-copy **products** for **printing images** from various sources such as facsimile machines, PCs, scanners and digital cameras, which have various resolutions, has created an urgent need for scaleable resolution transformation with high image quality. (2 Refs)

Subfile: C

Descriptors: antialiasing; image resolution; rendering (computer graphics); splines (mathematics)

Identifiers: scaleable resolution transformation; anti-aliasing; outlining; approximated B-spline curve; re-rendering; image quality; real-time processing; small circuitry; **networked** multifunctional hard-copy products; facsimile machines; PC; scanners; digital cameras

Class Codes: C6130B (Graphics techniques); C4130 (Interpolation and function approximation (numerical analysis))

Copyright 2000, IEE

16/5/3 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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6259665 INSPEC Abstract Number: C1999-07-5610P-003

Title: **Uniformity middle ware for photo - printing**

Author(s): Yamada, K.

Author Affiliation: Inf. Technol. R&D Center, Mitsubishi Electr. Corp., Kamakura, Japan

Conference Title: Proceedings of IS&T's NIP14: International Conference on Digital Printing Technologies p.202-5

Publisher: Soc. Imaging Sci. & Technol, Springfield, VA, USA

Publication Date: 1998 Country of Publication: USA xxii+689 pp.

ISBN: 0 89208 212 7 Material Identity Number: XX-1999-01132

Conference Title: Proceedings of IS&T's NIP14: International Conference on Digital Printing Technologies

Conference Date: 18-23 Oct. 1998 Conference Location: Toronto, Ont., Canada

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: An effective and flexible photo-printing controller for D2T2 (Dye Diffusion Thermal Transfer) and photo inkjet is proposed. The objectives of the present work are to develop the controller architecture using RISC (reduced instruction set computer) processor and its middleware, especially used for uniformity correction. In the present architecture, the

middleware provides functional compatibility in the middle layer between hardware and application software. (3 Refs)

Subfile: C

Descriptors: client- **server** systems; ink jet printers; peripheral interfaces; printers; printing; reduced instruction set computing; thermal printers

Identifiers: uniformity middle ware; photo-printing controller; D2T2; Dye Diffusion Thermal Transfer; photo inkjet; controller architecture; RISC; reduced instruction set computer; uniformity correction; middleware; functional compatibility; application software

Class Codes: C5610P (Peripheral interfaces); C5550 (Printers, plotters and other hard-copy output devices); C5220 (Computer architecture); C6140B (Machine-oriented languages); C6150N (Distributed systems software)

Copyright 1999, IEE

16/5/4 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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6006193 INSPEC Abstract Number: B9810-6140C-151, C9810-5260B-055

**Title: Scalable resolution transformation by outlining with approximated B-spline curve**

Author(s): Sakaue, E.; Yamamoto, N.; Sekizawa, H.

Author Affiliation: R&D Center, Toshiba Corp., Kawasaki, Japan

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3308 p.56-65

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 1998 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1998)3308L:56:SRTO;1-J

Material Identity Number: C574-98075

U.S. Copyright Clearance Center Code: 0277-786X/98/\$10.00

Conference Title: Very High Resolution and Quality Imaging III

Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol

Conference Date: 30 Jan. 1998 Conference Location: San Jose, CA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Theoretical (T)

Abstract: This paper presents a developed resolution transformation method which achieves scalable resolution transformation of bi-level images with high image quality, real-time processing and small circuitry. The progress of **networked** multi-functional hard-copy **products** for **printing images** from various sources such as facsimile machines, PCs, scanners and digital cameras, which have various resolutions, has created an urgent need for scaleable resolution transformation with high image quality. The proposed method applies outlining and rendering to scaleable resolution transformation. Furthermore, it minimizes the size of the circuitry by modifying their algorithms. Outlines are generated from the bi-level bit map of the source image by fitting approximated B-spline curve upon edge pixels. The bi-level bit map image which has a different resolution is generated from the outlines with local rendering. Curve fitting of approximated B-spline curve and local rendering makes it possible to reduce the circuitry. As a result, real-time scaleable resolution transformation of high quality is achieved with small circuitry. The quality of images transformed from 200 dpi to 600 dpi by the proposed method is almost equivalent to a genuine 600 dpi image. (1 Refs)

Subfile: B C

Descriptors: curve fitting; image processing; rendering (computer graphics); splines (mathematics)

Identifiers: B-spline curve; resolution transformation; scalable resolution transformation; bi-level images; image quality; curve fitting; local rendering

Class Codes: B6140C (Optical information, image and video signal processing); B0290F (Interpolation and function approximation); C5260B (Computer vision and image processing techniques); C4130 (Interpolation and function approximation); C6130B (Graphics techniques); C1250 (Pattern recognition)

Copyright 1998, IEE

16/5/5 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

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02341145 INSPEC Abstract Number: B84059322, C84050435

**Title: Electrophotographic photoreceptor for laser diode printer with amorphous silicon germanium alloy**

Author(s): Nishikawa, S.; Kakinuma, H.; Watanabe, T.; Kaminishi, K.; Nihei, K.

Author Affiliation: Oki Electric Industry Co. Ltd., Tokyo, Japan

Conference Title: 34th Electronic Components Conference p.53-8

Publisher: IEEE, New York, NY, USA

Publication Date: 1984 Country of Publication: USA 537 pp.

U.S. Copyright Clearance Center Code: 0569-5503/84/0000-0053\$01.00

Conference Sponsor: IEEE

Conference Date: 14-16 May 1984 Conference Location: New Orleans, LA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); New Developments (N); Experimental (X)

Abstract: A new multilayered a-SiGe:H photoreceptor using a-SiGe:H alloy as a photosensitive layer is developed by means of the glow discharge method. Improvement of the photoelectric properties of a-SiGe:H was the key in realizing this photoreceptor. It is found that the a-SiGe:H films prepared in the high RF power region where the deposition rate saturates exhibit good photoelectric properties comparable with a-Si:H films. IR absorption measurements indicate that the mechanism of deposition changes in the high RF power region and the **network** of the films prepared in this manner becomes smooth. The a-SiGe:H photoreceptor drum fabricated from such a film shows **good** photosensitivity and gives **good printed image** with a laser diode printer. (9 Refs)

Subfile: B C

Descriptors: amorphous semiconductors; electrophotography; germanium alloys; laser beam applications; printers; silicon alloys

Identifiers: printed image quality; electrophotographic photoreceptor; laser diode printer; multilayered a-SiGe:H photoreceptor; a-SiGe:H alloy; photosensitive layer; glow discharge method; photoelectric properties; a-SiGe:H films; high RF power region; deposition rate saturates; IR absorption measurements; photoreceptor drum; photosensitivity

Class Codes: B2520F (Amorphous and glassy semiconductors); B4210 (Photoconducting materials and properties); B4360 (Laser applications); C5550 (Printers, plotters and other hard-copy output devices)

16/5/6 (Item 6 from file: 2)

DIALOG(R)File 2:INSPEC

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01997895 INSPEC Abstract Number: C83009730

**Title: 'PATOLIS' Kanji-terminal UT-16K**

Author(s): Sato, I.; Matsuda, H.; Yamashita, K.; Kato, M.; Ogawa, T.;

Kumagai, T.

Author Affiliation: Electronics Res. Lab., Matsushita Graphic Communication Systems Inc., Osaka, Japan

Journal: National Technical Report vol.28, no.4 p.746-52

Publication Date: Aug. 1982 Country of Publication: Japan

CODEN: NTROAV ISSN: 0028-0291

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: The UT-16K Patent Information Processor (PIP) has been developed as the Kanji-terminal for the Patent **On - Line** Information System (PATOLIS), managed by the Japan Institute of Invention and Innovation (JIII) and the Japan Patent Information Center (JAPATIC). This PIP terminal consists of three units: Kanji-terminal controller with a Kana-keyboard and Kanji-character display unit; Kanji-character generator; Kanji printer. The features of the terminal are as follows: Kanji-character generator unit makes use of a holographic memory to provide good image quality both on CRT display and on printed copy; the Kanji-character display unit uses a tri-colored high resolution CRT to improve the legibility of the display; the data processing can be performed by a field unit; the Kanji **printer** works with **good image** quality and high speed. (1 Refs)

Subfile: C

Descriptors: information retrieval systems; information services; interactive terminals

Identifiers: UT-16K Patent Information Processor; Kanji-terminal; Patent **On - Line** Information System; Japan Patent Information Center; Kanji-terminal controller; Kana-keyboard; Kanji-character display unit; Kanji-character generator; Kanji printer; holographic memory; image quality; tri-colored high resolution CRT; legibility

Class Codes: C5540 (Terminals and graphic displays); C7210 (Information services and centres); C7250 (Information storage and retrieval)

**16/5/7 (Item 1 from file: 35)**

DIALOG(R) File 35:Dissertation Abs Online

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01421049 ORDER NO: AADAA-IC423617

**DESIGN AND DEVELOPMENT OF A SET OF COLOUR IMAGE SYSTEMS FOR GRAPHIC ARTS PRODUCTION**

Author: SODERGARD, CAJ GUSTAV

Degree: DR.TECH.

Year: 1994

Corporate Source/Institution: TEKNILLINEN KORKEAKOULU (HELSINKI) (FINLAND) (5766)

Source: VOLUME 56/03-C OF DISSERTATION ABSTRACTS INTERNATIONAL. PAGE 776. 160 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL

Descriptor Codes: 0544

ISBN: 951-38-4638-5

Publisher: VTT, VUORIMIEHENTIE 5, PO BOX 2000, SF-02044 VTT, FINLAND

A set of novel colour image systems has been designed and developed for improving the throughput and colour quality of the graphic arts production. The six systems administrate in new ways visual colour information, including video, and communicate the information between the stages of printing production. The systems are based on a common PC architecture, but they carry out different tasks in the computerized production process of printed **products**. The applications include archiving still **images**, **printing** video frames, transmitting page proofs between production and design, previewing the pages at different production

stages before printing and **on - line** inspection of the colour quality of the print. Three of the developed systems are prototypes and three are applied in daily production. This publication contains a summary and seven appendices. The summary reviews the conceptual foundations of colour image systems in graphic arts production. It also discusses the design principles of the developed systems as well as the quality and throughput improvements achieved by the systems. Their locations in the production process and their central technical features are given. The appendices describe the developed systems in detail.

16/5/8 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
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1204350 H.W. WILSON RECORD NUMBER: BAST94073014

**Fast imaging on slow networks**

Durr, Michael;

Datamation v. 40 (Dec. 15 '94) p. 61-2

DOCUMENT TYPE: Feature Article ISSN: 0011-6963 LANGUAGE: English

RECORD STATUS: New record

ABSTRACT: Companies that want to optimize their imaging system do not necessarily need to upgrade from Ethernet to a faster technology like ATM or Fast Ethernet. Instead, they can improve the performance of their imaging applications through such tactics as compressing the files they ship, adding **image** decompression cards to **printers**, using **thumbnails** for browsing wherever possible, and beefing up their desktops to handle decompression. For example, to relieve the **network** bottleneck that can occur when images are sent to a laser printer uncompressed, Image Basic and a growing number of imaging packages support the XipPrint card from Xionics. The card enables LaserJet printers to take compressed image files and decompress them at the printer, with the result that image files stay compressed on the **network** and image printing does not cripple the **network**. Other strategies to limit the negative effects of imaging applications on existing **networks** are discussed.

DESCRIPTORS: Image compression; Imaging systems;

16/5/9 (Item 1 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00616683 00NC12-012

**Hewlett-Packard Co. LaserJet 8150**

Network Computing , December 4, 2000 , v11 n24 p26, 1 Page(s)

ISSN: 1046-4468

Company Name: Hewlett-Packard

URL: <http://www.hp.com>

Product Name: HP LaserJet 8150

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): A

Geographic Location: United States

Presents a very favorable review of the HP LaserJet 8150 (\$1,999), a multifunction **network** laser printer from Hewlett-Packard Co. (800, 480). Explains that it features embedded **Web servers** and works with HP's JetAdmin software to enable a slew of remote administration capabilities. Highlights its e-mail alerts, real-time status updates and diagnostics, firmware upgrades, dynamic self-help messages, and ChaiServer embedded

virtual machine, which enables **network** managers to execute Java applications, thus allowing for customization. Mentions no significant drawbacks. Concludes that it is a solid solution for eliminating the legwork of going to another building or geographic location to troubleshoot and manage the **printer**. Includes a **photo** and a **product** summary. (MEM)

Descriptors: **Network** Printers; Laser Printer; Multifunction Devices; Remote Computing; Input/Output; Peripherals

Identifiers: HP LaserJet 8150; Hewlett-Packard

16/5/10 (Item 2 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00614029 00LK11-001

**Quick tips to check, fix, remedy a Web site**

Link-Up , November 1, 2000 , v17 n6 p1, 14, 2 Page(s)

ISSN: 0739-988X

Company Name: AMACOM

Product Name: E-Service: 24 Ways to Keep Your Customers - When the Competition is

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Offers e-business tips from the book ``E-Service: 24 Ways to Keep Your Customers - When the Competition is Just a Click Away'' by Ron Zemke and Tom Conellan. Highlights ten things to do in the next 30 days to boost traffic, increase sales, and enhance customer loyalty: put contact information on every screen, including a toll-free number, corporate address, product return address, and **Web** address; staff up to manage calls; think big **pictures** and big **print**; plan for busy seasons; deliver **products** on time and undamaged; make return policies easy and efficient; de-clutter the site; eliminate extra clicks from transaction processes; define the customer experience; and create a service recovery system. (sdb)

Descriptors: **Web** Sites; Electronic Commerce; Customer Support; Competition; Strategy; Business; Corporate Strategy

Identifiers: E-Service: 24 Ways to Keep Your Customers - When the Competition is; AMACOM

16/5/11 (Item 3 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00604597 00NC06-304

**Alcatel offers end-to-end LAN and IP telephony solution**

Conover, Joel

Network Computing , June 26, 2000 , v11 n12 p26-28, 2 Page(s)

ISSN: 1046-4468

Company Name: Alcatel

URL: <http://www.ind.alcatel> <http://www.ind.alcatel> <http://www.ind.alcatel>

Product Name: Alcatel OmniCore 5022; Alcatel OmniStack 6024; Alcatel OmniPCX 4400

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): A; A; A

Geographic Location: United States

Presents a very favorable review of an end-to-end local area **network** (**LAN**) **networking** and **Internet** Protocol (IP) telephony solution from

Alcatel Corp. (800) comprising the OmniCore 5022 multilayer switch (\$482), OmniStack 6024 stackable fixed-configuration Layer 2 switch (\$2,200), and the voice-over-IP services module for the OmniPCX 4400 private-branch-exchange (PBX) offering (\$40,000). Explains that the OmniCore has included support for quality of service (QoS) standards 802.1p and IP DiffServ critical to enterprise backbone **networks**. Cites features such as superior stacking capabilities, expansion slot for a Simple **Network** Management Protocol (SNMP) module, support for 30 concurrent VOIP connections, and QoS implementation based on weighted round-robin scheme. Mentions no significant drawbacks. Concludes that the solution is **impressive**. Includes three **photos** and a **product** summary. (MEM)  
Descriptors: Local Area **Networks**; **Internet** Protocols; Telephony; Switches; Quality of Service; Data Communication; Enterprise Computing  
Identifiers: Alcatel OmniCore 5022; Alcatel OmniStack 6024; Alcatel OmniPCX 4400; Alcatel

16/5/12 (Item 4 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00558870 00PI01-211

**Print with a LED foot -- printers from IBM and Oki Data make color printing just as fast as printing in black and white**

Poor, Alfred

PC Magazine , January 18, 2000 , v19 n2 p57, 1 Page(s)

ISSN: 0888-8507

Company Name: IBM Printing Systems; Oki Data Americas

URL: <http://www.printers.ibm.com> <http://www.okidata.com>

Product Name: IBM Infoprint Color 8; Oki Data Okicolor 8

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B; B

Geographic Location: United States

Present sa favorable review of two color LED printers from two manufacturers. Includes the IBM Infoprint Color 8 (\$2,700) from IBM Printing Systems of Boulder, CO (800); and the Oki Data Okicolor 8 (\$2,500) from Oki Data Americas of Mount Laurel, NJ (800). Claims the LED printers provide particularly fast speed ratings for color, at 8 pages per minute. Explains they have a single-pass design which allows them to print color as fast as black-and-white. However, complains their setup is quite involved, with alignment and color calibration procedures necessary for assuring proper color balance. Calls the color balance procedure tedious. Reports overall print quality is good but not perfect. Complains the base model provides only a parallel port, with no **network** support. Concludes that despite their minor shortcomings, these are **good** options for fast color **printing**. Includes two **photos**. (kgh)

Descriptors: Color Printer; Speed; LED; Color

Identifiers: IBM Infoprint Color 8; Oki Data Okicolor 8; IBM Printing Systems; Oki Data Americas

16/5/13 (Item 5 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00534536 99PI05-243

**Canon BJC-6000**

Brown, Bruce

PC Magazine , May 25, 1999 , v18 n10 p176, 1 Page(s)



ISSN: 0888-8507

Company Name: Canon

URL: <http://www.ccsi.canon.com>

Product Name: Canon BJC-6000

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows NT; NetWare

Geographic Location: United States

Presents a favorable review of the Canon BJC-6000 (\$250; \$380) a color ink jet printer from Canon of Costa Mesa, CA (800). Calls this printer well-suited for a small-office environment. Features a parallel-port print **server** option, which makes it usable for light-duty printing on **networks** of no more than ten users. Calls setup relatively easy. Notes that it provides a **good** text quality. Also mentions its **impressive photo** quality on glossy paper. However, reports low average print speeds when printing text and criticizes the lack of Pantone support or a duplexing feature. Complains that per-page print costs are high. Concludes that overall, this is an inexpensive option for light-duty color **network** printing in a small-office environment. (kgh)

Descriptors: Printer; Color Printer; **Network** Printers; Ink Jet Printer

Identifiers: Canon BJC-6000; Canon

16/5/14 (Item 6 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00522699 99PM01-024

**MVP hardware**

PC Computing , January 1, 1999 , v12 n1 p144-159, 10 Page(s)

ISSN: 0899-1847

Languages: English

Document Type: Buyer and Vendor Guide

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a buyers' guide to PC Computing's Most Valuable Hardware Products. Provides individual summaries of products in the following categories: Desktop systems and **servers** for small-business, workgroup computing, and departmental needs (27 products); notebooks and portable computers (15 **products** ); laser, color, and **photo printers** (21 **products** ); storage-DVD/CD-ROM, recordable, removable, and **network** storage (16 products); hardware peripherals such as scanners, digital cameras, sound card, speakers, uninterruptible power supplies, and input devices (21 products); graphics and video, including monitors, flat-panel displays, graphics accelerators, presentation displays/projectors/digital camcorders, digital video capture, and video editing tools (27 products). Awards a PC Computing MVP (Most Valuable Product) Winner rating in each of the individual categories. Contains 10 photos and over 100 product summaries. (HHW)

Descriptors: Hardware; **Network** Printers; **Network** Server ; Scanner; Workgroup Computing; Laser Printer

16/5/15 (Item 7 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00522053 99IT01-032

**New digital archiving and custom publishing solution introduced**

Information Today , January 1, 1999 , v16 n1 p30, 1 Page(s)

ISSN: 8755-6286

Company Name: R.R. Donnelley & Sons; International Thomson Publishing

URL: <http://www.rrdonnelley.com>

Languages: English

Document Type: Product Announcement

Geographic Location: United States

Announces the joint development of a digital **online** archiving and custom publishing system for the education market by International Thomson Publishing (ITP) of Stamford, CT, and R.R. Donnelley & Sons Co. of Chicago, IL (312). Says that the digital archive includes an integrated custom publishing system for all **print** and **image products** developed by ITP companies, allowing books to be built **online** , and automatically repaginated and printed to meet the needs of a specific course and instructor. Adds that the system is accessible via the **Internet** , is browsable, offers enhanced security, uses standard publishing industry file formats, and generates information that facilitates commercial transactions and business operations. Indicates that the system is being used with all new titles, revisions, books in print, supplements, and repurposed titles through ITP's custom publishing unit. (JC)

Descriptors: Publishing; Electronic Publishing; Education; **Internet** ; Books

Identifiers: R.R. Donnelley & Sons; International Thomson Publishing

16/5/16 (Item 8 from file: 233)

DIALOG(R) File 233:Internet & Personal Comp. Abs.

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00507676 98PI09-237

**Image magic**

Graven, Matthew

PC Magazine , September 22, 1998 , v17 n16 p36, 1 Page(s)

ISSN: 0888-8507

Company Name: Adobe Systems; Microsoft; MGI Software

URL: <http://www.adobe.com> <http://www.microsoft.com> <http://www.microsoft.com> <http://www.mgisoft.com>

Product Name: Adobe PhotoDeluxe Home Edition 3.0; Microsoft Picture It! 99; Microsoft Graphics Studio Home Publishing 99; Home Publishing Suite 99; PhotoSuite II

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B; B; B; B; B

Geographic Location: United States

Presents a comparative review of image editing software for home use. Products reviewed include Adobe PhotoDeluxe Home Edition 3.0 (\$50) from Adobe Systems (800); PhotoSuite II (\$60) from MGI (800); and Microsoft Picture It! 99 (\$50), Microsoft Graphics Studio Home Publishing 99 (\$50), and Home Publishing Suite 99 (\$55) from Microsoft Corp. (800). Says the Adobe **product** offers templates for **printing** multiple **images** on a single page, compatibility with Photoshop plug-ins, and a simplified way to retrieve images from digital cameras and scanners. Adds that Picture It! 99 also has better links to cameras and scanners, as well as enhanced editing tools, and says Home Publishing 99 offers 8,500 project templates, and includes Picture It! 99. Notes the MGI product has been completely redesigned, and offers direct access to digital cameras and scanners, **Internet** integration, and 500 project templates. Includes three screen displays and one sidebar. (JC)

Descriptors: Image Processing; Graphics; Photography; Digital Camera; Scanner

Identifiers: Adobe PhotoDeluxe Home Edition 3.0; Microsoft Picture It! 99; Microsoft Graphics Studio Home Publishing 99; Home Publishing Suite 99; PhotoSuite II; Adobe Systems; Microsoft; MGI Software

16/5/17 (Item 9 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00495665 98PI05-246

**QMS 2060 EX, 2425 Turbo EX**

Tom, Denis

PC Magazine , May 26, 1998 , v17 n10 p154, 1 Page(s)

ISSN: 0888-8507

Company Name: QMS

URL: <http://www.qms.com>

Product Name: QMS 2060 EX; QMS 2425 Turbo EX

Languages: English

Document Type: Hardware Reviews

Grade (of Product Reviewed): B; B

Geographic Location: United States

Presents favorable reviews of the 2060 EX (\$3049), a laser printer that features a ledger-size 20-ppm monochrome laser, a 1,200 by 1,200 dpi, and 400-sheet input; and the 2425 Turbo EX (\$3,949) a laser printer that features a ledger-size 24-ppm monochrome laser, a 600 by 600 dpi, and a 1,100-sheet input, both from QMS Inc. of Mobile, AL (800). Says both of these units are known for their speed and versatile characteristics. Points out that they successfully address all parts of the printing process including paper handling, **network** efficiency, print speed, and document finishing. Concludes these are **good** choices for departmental document **printing**. Includes one **photo**. (EB)

Descriptors: Laser Printer; Printer; Image Processing; **Network Printers**

Identifiers: QMS 2060 EX; QMS 2425 Turbo EX; QMS

16/5/18 (Item 10 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00487216 98BY02-020

**HP makes an even better impression -- Hewlett-Packard's LaserJet 4000 brings better performance in a smaller package and ushers in a new communications standard**

Pournelle, Alex

BYTE , February 1, 1998 , v23 n2 p129, 1 Page(s)

ISSN: 0360-5280

Company Name: Hewlett-Packard

URL: <http://www.hp.com>

Product Name: Hewlett-Packard LaserJet 4000TN

Languages: English

Document Type: Hardware Reviews

Grade (of Product Reviewed): A

Geographic Location: United States

Presents a very favorable review of the Hewlett-Packard LaserJet 4000TN (\$1,599) from Hewlett-Packard Co. of Santa Clara, CA (800). Says the printer, which received the Byte Best of Show award at the Fall Comdex Show, has a new communications technology, that moves documents between

devices without a **server** middleman. Reports the printer comes with two 250-sheet input trays, one manual tray, 8MB of RAM, and JetDirect 600N print **server** software. Adds that options include expansion up to 100MB of RAM. Says the printer supports bidirectional communication on Windows and Macintosh **networks** , and both bidirectional and parallel communication on Windows NT **networks** , although native operating system support is not available in NT versions prior to 5.0. Ratings (out of five) are: technology 5, implementation 4, performance 4. Concludes the speed and quality of the **product** make it an ideal workgroup **printer** . Includes one **photo** and one sidebar. (JC)

Descriptors: Laser Printer; Peripherals; Printer; Image Processing  
Identifiers: Hewlett-Packard LaserJet 4000TN; Hewlett-Packard

16/5/19 (Item 11 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00486314 98WN02-019

**Serif PagePlus 5 is a DTP marvel**

Powell, James E

Windows Magazine , February 1, 1998 , v9 n2 p168, 1 Page(s)

ISSN: 060-1066

Company Name: Software Publishing

Product Name: Serif PagePlus 5

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): A

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents a very favorable review of Serif PagePlus 5 (\$99.95), a desktop publishing program from Software Publishing Co. Holdings (800, 408). Runs on IBM PC compatibles with Windows 95 or NT. Explains that PagePlus offers everything user needs to make fine-looking newsletters or brochures, including the ability to generate a table of contents and an index, and support for professional-level color separation. Notes that the program's **Photo Optimizer prints** a sheet of **thumbnail** images that very slightly contrast and brightness, so user can select the image that appe best on their printer. Features include an integrated tabl mail merge, over 300 design templates, a well-documented **online** hel system, and the ability to shrink text to fit. Concludes that Se PagePlus 5 combines ease of use with advanced features, and awards it the WINDOWS Magazine WinList designation. Includes one screen display and a product summary. (jo)

Descriptors: Desktop Publishing; Newsletters; Documentation; Color

Identifiers: Serif PagePlus 5; Software Publishing

16/5/20 (Item 12 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00483486 98PJ01-012

**7200 Color Jetprinter -- Printer**

Holzberg, Carol S

PC Today , January 1, 1998 , v12 n1 p48, 1 Page(s)

ISSN: 1040-6484

Company Name: Lexmark International

URL: <http://www.lexmark.com>

Product Name: Lexmark 7200 Color Jetprinter

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): A

Geographic Location: United States

Presents a very favorable review of the 7200 Color Jetprinter (\$399) from Lexmark International Inc. (800,606). Weights 9.5 pounds, and measures 17 x 12 x 10.5 inches. Includes color and black ink cartridges. Ships with drivers for Windows 3.x, Windows 95, and Windows NT. Says that it has three print modes: draft, normal, and high quality for up to 1200 x 1200 dpi in four printhead passes. Notes that the color and photo cartridge printheads have 192 inkjet nozzles. Adds that while the printer has no manual, the Quick Setup installation provides instructions, and **online** information is provided. Concludes that the 7200 is capable of providing six-color printing that rivals the text and graphics output of color laser **printers**. Includes a **product photo**. (ml)

Descriptors: Color Printer; Printer; Ink Jet Printer; Customer Support

Identifiers: Lexmark 7200 Color Jetprinter; Lexmark International

16/5/21 (Item 13 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00469095 97WC08-016

**My Computer -- Hardware first looks: systems**

Norton, Patrick; Zulich, Michael J

Windows Sources , August 1, 1997 , v5 n8 p109, 118, 128, 3 Page(s)

ISSN: 1065-9641

Company Name: Intergraph Computer Systems; **CyberMax** Computer; Compaq Computer

Product Name: Intergraph TD-425; **CyberMax** PowerMax A61 233MMX; Compaq PC Theatre

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): C; B; C

Geographic Location: United States

Presents reviews of three computer systems. Presents a mixed review of the TD-425 (\$9,975), a dual-processor 300-MHz Pentium II workstation from Intergraph Computer Systems of Huntsville, AL (800, 205). Favorably reviews the PowerMax A61 233MMX (\$2,649), a 233MHz AMD-K6 computer system from **CyberMax** Computer Inc. of Allentown, PA (800, 610). Presents a mixed review of the PC Theatre (\$4,999), a high-end 200 MMX system with a 36-inch TV/monitor from Compaq Computer Corp. of Houston, TX (800, 281). Reports that the Intergraph does not deliver top performance for its top-shelf price. Calls the **CyberMax** "a good balance of performance and price" and notes that the extra-large monitor size was the Compaq's most **impressive** feature. Includes three **photos** and three **product** summaries. (phi)

Descriptors: Microcomputer System; Pentium; MMX; Monitor; Dual Processor

Identifiers: Intergraph TD-425; **CyberMax** PowerMax A61 233MMX; Compaq PC Theatre; Intergraph Computer Systems; **CyberMax** Computer; Compaq Computer

16/5/22 (Item 14 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00468024 97WN08-024

**Latest LaserJet comes with a friend -- HP LaserJet 6L and Companion printer accessory**

Dominianni, Cheryl

Windows Magazine , August 1, 1997 , v8 n8 p169, 1 Page(s)

ISSN: 060-1066

Company Name: Hewlett-Packard

Product Name: HP LaserJet 6L; HP LaserJet Companion

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B; B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows; Microsoft Windows 95; Microsoft Windows NT

Geographic Location: United States

Presents a favorable review of the HP LaserJet 6L (\$399), a laser printer, and the HP LaserJet Companion printer accessory (\$249), a printer functionality expander package, from Hewlett-Packard Co. (800, 408). Runs with IBM PC compatibles with Windows 3.x or 95; the LaserJet also runs with Windows NT. Explains that the HP LaserJet 6L can print at 6ppm at 600dpi and has a monthly duty cycle of 6,000 pages. Notes that the LaserJet comes bundled with Microsoft **Internet** Assistant and **Internet** Explorer 3.0 and has 1MB RAM. Reports that installation is simple and that text output is sharp and clear. Indicates that the HP LaserJet Companion enables convenient copying through the printer, electronic document distribution and storage, OCR, and PC fax input from paper copies. States that copying and scanning is easy, but notes that it only works with series 4, 5, 6L and 6P HP LaserJet **printers** . Includes one **photo** and two **product** summaries. (jo)

Descriptors: Laser Printer; Bundled Software; Photocopier; Input/Output; Document Delivery; **Internet** ; Optical Character Recognition

Identifiers: HP LaserJet 6L; HP LaserJet Companion; Hewlett-Packard

**16/5/23 (Item 15 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00462364 97PU06-006

**Documents on demand -- A variety of short-run presses server up documents faster than you can say ``makeready''**

Dennis, Anita; Weibel, Bob

Publish , June 1, 1997 , v12 n6 p57-72, 13 Page(s)

ISSN: 0897-6007

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Presents a special report on short-run printing, and on-demand digital presses. Features product announcements, three buyers' guides, and four case studies. Includes: ``Product Watch'' (p58) by Anita Dennis, which introduces several new digital print-related products; ``Production Copiers'' (p60) by Bob Weibel, which provides a guide to three high-speed color copiers from three manufacturers; ``Digital Presses'' (p62), a guide to four digital presses from four manufacturers; and ``Direct-Imaging Presses'' (p70), a guide to offset-digital presses featuring two products from two manufacturers. Includes 12 photos and nine product summaries. (kgh)

Descriptors: **Printer** ; **Image Processing** ; Publishing; **Product** Announcement; Vendor Guide; Case Study

16/5/24 (Item 16 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00456403 97WN04-002

**Killer combination: HP LaserJet 5Si Mopier**

Brieva, Art; Dominianni, Cheryl; Miller, James Alan  
Windows Magazine , April 1, 1997 , v8 n4 pNT34, 1 Page(s)  
ISSN: 060-1066

Company Name: Hewlett-Packard

Product Name: HP LaserJet 5Si Mopier

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Macintosh;  
Microsoft Windows; Microsoft Windows 95; Microsoft Windows NT; NetWare  
Geographic Location: United States

Presents a favorable review of the HP LaserJet 5Si Mopier (\$9,549), a combination **network** printer and copier from Hewlett-Packard Co. (800, 208). Runs with IBM PC compatibles with Windows 3.x, 95, or NT, with NetWare, or with the Macintosh. Explains that the HP LaserJet 5Si Mopier lets you make Multiple Original Prints that are collated and stapled in a single operation. Specifies that the Mopier measures 40.25 by 42.5 by 22.25 inches, weighs 185 pounds, and can print 24 pages per minute; and says it offers 300/600-dpi resolution. Notes that this printer comes with a mailbox with five addressable output sources, and four paper input sources that provide a total capacity of 3,100 sheets, while it has a rated duty cycle of 100,000 pages per month. Features include 12MB RAM, Memory Enhancement technology, and support for PCL5e and Adobe PostScript Level 2; and reports **good** performance from this **printer** . Includes one **photo** and a **product** summary. (jo)

Descriptors: Printer; **Networks** ; Hardware Review; Photocopier

Identifiers: HP LaserJet 5Si Mopier; Hewlett-Packard

16/5/25 (Item 17 from file: 233)  
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00451033 97WC02-021

**Registry: Corel does a double take**

Caster, Kathleen

Windows Sources , February 1, 1997 , v5 n2 p111, 1 Page(s)

ISSN: 1065-9641

Company Name: Corel

Product Name: Print & Photo House

Languages: English

Document Type: Software Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Microsoft Windows 95; Microsoft Windows; IBM PC Compatible

Geographic Location: United States

Presents a favorable review of Print & Photo House (\$69), a graphics suite from Corel Corp. of Ottawa, ON, Canada (800, 613). Says Print & Photo House combines Print House, Corel's tool for creating business forms, calendars, and other publications, with Photo House, a bitmap-editing tool. Notes that the packages are separate, but closely linked, executables. Says that ideally Print House and Photo House should be modules within one interface. Adds that editing tools and **Web** support are limited, but says **Print & Photo** House is a **good** choice for novices who need lots of

guidance. Contains one screen display and one product summary. (smg)  
Descriptors: Image Processing; Business; Calendar; **Web** Management;  
Software Review; Graphics; Integrated Software  
Identifiers: Print & Photo House; Corel

**16/5/26 (Item 18 from file: 233)**  
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00408728 96LA01-211

**Print- server NETPrint 1000 takes hassle out of network printing**  
Baker, Michael W  
LAN Times , January 22, 1996 , v13 n2 p76, 1 Page(s)  
ISSN: 1040-5917  
Company Name: Digital Products  
Product Name: DEC NETPrint 1000  
Languages: English  
Document Type: Hardware Review  
Grade (of Product Reviewed): B  
Hardware/Software Compatibility: IBM PC Compatible; Unix workstation;  
Macintosh  
Geographic Location: United States  
Presents a favorable review of the NETPrint 1000 (\$595) print **server** from Digital Products Inc. of Waltham, MA (617). Says it ``makes setting up print services a snap with its plug-and-print installation'' and support for NetWare, Unix, and Macintosh **networks** . Adds that it supports up to 16 file **servers** , unlimited queues, up to three printers with independent protocols that act as if it has its own dedicated print **server** and management softwa bindery emulation and NDS, up to 1,000 NetWare site license five NetWare printers, and features an LED panel that indicates **printing** status. Includes a **photo** and a **product** resource guide. (dpm)  
Descriptors: Printer Controller; Hardware Review; **Network Server** ;  
**Network** Management; Peripherals  
Identifiers: DEC NETPrint 1000; Digital Products

**16/5/27 (Item 19 from file: 233)**  
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00381924 95PK04-112

**Tektronix Phaser 340 shows its colors as solid-wax printer -- Easier to use than Phaser 540, Magicolor LX laser printers**  
Caton, Michael  
PC WEEK , April 10, 1995 , v12 n14 p59-67, 4 Page(s)  
ISSN: 0740-1604  
Company Name: QMS; Tektronix  
Product Name: Magicolor LX Color Laser Printer; Phaser 340 Color Printer; Phaser 540 Color Printer  
Languages: English  
Document Type: Buyer and Vendor Guide  
Geographic Location: United States  
Presents a comparative review of two color laser printers, the Phaser 540 Color Printer (\$8,995) from Tektronix Inc. (800), and the Magicolor LX Color Laser Printer (\$4,999) from QMS Inc. (800), and one solid-wax color printer, the Phaser 340 Color Printer (\$4,995) from Tektronix. Provides a table comparing 21 specifications of these printers, covering print resolution, RAM, print speed, cost per page, and printer languages. Details the features of each printer in the areas of print quality, features,



**networking** , serviceability, expandability, cost of ownership, and performance; and rates the printers in each category. Graphs benchmark results for desktop publishing, text-and-graphics, and overhead documents. Awards the Phaser 340 the Analyst's Choice star, noting its ease of use, excellent **network** support, simple maintenance process, vibrant colors, and **good print** speed. Includes two **photos** , two diagrams, and a buyer's advisory. (jo)

Descriptors: Color Printer; Laser Printer; Printer; Hardware Review  
Identifiers: Magicolor LX Color Laser Printer; Phaser 340 Color Printer  
; Phaser 540 Color Printer; QMS; Tektronix

16/5/28 (Item 20 from file: 233)  
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00375488 95PW02-034

**Laser Printers, the price is right -- PC World reviews 30 printers - inexpensive models, midrange speedsters, and high-end network powerhouses.**

Knorr, Eric  
PC World , February 1, 1995 , v13 n2 p128-148, 14 Page(s)  
ISSN: 0737-8939  
Company Name: Brother; Hewlett-Packard; Texas Instruments; Lexmark  
Product Name: Brother HL-630; LaserJet 4M Plus; HP LaserJet 4MV;  
microLaser PowerPro; Optra R  
Languages: English  
Document Type: Buyer and Vendor Guide  
Grade (of Product Reviewed): A; A; A; A; A  
Hardware/Software Compatibility: IBM PC Compatible; Macintosh  
Geographic Location: United States  
Presents a buyer's guide to laser printers. Features a table comparing 30 products from 18 vendors and a test report comparing the speed of these products. Includes a short review of each **printer** including a **photo** and **product** summary of each. Rates five printers as ``Best Buys,`` including: the HL-630 (\$399) from Brother; the LaserJet 4M Plus (\$2,000) from Hewlett-Packard; the Optra R (\$1,850) from Lexmark; the microLaser PowerPro (\$1,640) from Texas Instruments; and the LaserJet 4MV (\$3,250) from Hewlett-Packard. Also includes three sidebars discussing best buys, ink jet options, and resolution of output. Includes 34 photos, 30 product summaries, and a test report. (CH)

Descriptors: Laser Printer; Color Printer; Ink Jet Printer; Macintosh  
; Vendor Guide; Hardware Review

Identifiers: Brother HL-630; LaserJet 4M Plus; HP LaserJet 4MV;  
microLaser PowerPro; Optra R; Brother; Hewlett-Packard; Texas  
Instruments; Lexmark

16/5/29 (Item 21 from file: 233)  
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00367280 94PM11-003

**Xerox 4900 Color Laser**

Carlson, Kyla K  
PC/Computing , November 1, 1994 , v7 n11 p54-55, 2 Page(s)  
ISSN: 0899-1847  
Company Name: Xerox  
Product Name: Xerox 4900 Color Laser  
Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): A

Geographic Location: United States

Presents a very favorable review of the Xerox 4900 Color Laser (\$8,495), a color laser printer from Xerox (800). The printer comes standard with 8MB RAM, which provides a resolution of 300 dpi. 12MB RAM boosts this to 600-by-300 dpi and 20MB RAM provides the maximum resolution of 1,200-by-300 dpi. The higher resolutions make it a **good** choice for **printing photos** and other complicated images. It is relatively easy to set up and installing software drivers **is a snap.** The printer comes with an excellent **online** guide filled with useful information about the printer. It includes PCL5 and PostScript Level 2 compatibility. LocalTalk is built in to the printer but direct connection to a **network** will require a \$649 Ethernet interface card. Cost of consumables is \$1.25 for 50 black pages at 5% coverage and \$8.00 for 50 color pages at 20% coverage. It provides **high-quality output at a midrange price.** Includes one photo, one graph, one table. (djd)

Descriptors: Color Printer; Laser Printer; Hardware Review; Benchmark Testing

Identifiers: Xerox 4900 Color Laser; Xerox

16/5/30 (Item 22 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00364195 94WC10-007

**IBM LaserPrinter 4039 12R plus by Lexmark: a great printer for many needs**

DeVoney, Chris

Windows Sources , October 1, 1994 , v2 n10 p82-84, 2 Page(s)

ISSN: 1065-9641

Company Name: Lexmark International

Product Name: IBM LaserPrinter 4039 12R plus by Lexmark

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Microsoft Windows

Geographic Location: United States

Presents a favorable review of the IBM LaserPrinter 4039 12R plus by Lexmark (\$1,749), a laser printer from Lexmark International, Inc. of Lexington, KY (606). Requires an IBM PC compatible with Microsoft Windows. Reports the printer produces 12 pages per minute, and features 600-dpi resolution, 36 built-in PCL 5 fonts, PostScript Level II, bidirectional communications, and a 200-sheet letter-size drawer that offers many paper-handling options. Says the printer produced good detail, clear sharp text, and excellent gray scale images. Lauds the fact that the printer can be monitored or controlled by any computer on the **network**. Warns that the PostScript Level II page description languages are not guaranteed fully compatible, and that remote-control functionality is not available for Windows for Workgroups or Windows NTAS. Concludes it is a terrific **network printer**. Includes one **photo**, one screen display, and **product** information. (bjp)

Descriptors: Laser Printer; **Networks**; PostScript; Peripherals; **Network** Management; Window Software; Hardware Review

Identifiers: IBM LaserPrinter 4039 12R plus by Lexmark; Lexmark International

16/5/31 (Item 23 from file: 233)

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00357441 94CO08-010

**Tektronix Phaser 220E**

Harrel, William

COMPUTE , August 1, 1994 , v16 n8 p23-27, 3 Page(s)

ISSN: 0194-357X

Company Name: Tektronix

Product Name: Tektronix Phaser 220E

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC Compatible; Macintosh

Geographic Location: United States

Presents a favorable review of the Tektronix Phaser 220E (\$3,995), a color printer from Tektronix of Wilsonville, OR (800, 503). Says that the 220E is a thermal wax printer in the traditional sense. Notes that it is large and heavy (weighing about 40 pounds), works best on special paper or transparencies, and is primarily designed for use on a **network** or by a desktop publisher who works with color. Adds that while colors are not as photorealistic as those produced on a dye sublimation printer, it works well for overheads and color printing. Interface options are numerous including parallel, serial, LocalTalk, and SCSI, with the printer switching ports automatically. Supports PostScript, HP-GL, and PCL5 emulations and comes standard with Level 2 PostScript. Says it performed well on all output tests with clear and crisp text at all sizes. Includes color correction technology (TekColor) built into the Windows & Mac **printer** drivers. Contains one **photo** and a **product** summary. (HHW)

Descriptors: Color Printer; Hardware Review; Thermal Printer;  
**Networks** ; PostScript; Window Software; Macintosh  
Identifiers: Tektronix Phaser 220E; Tektronix

16/5/32 (Item 24 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00330465 93PI11-153

**Output Technology LaserMatrix 1000 Model 6**

Desposito, Joseph

PC Magazine , November 23, 1993 , v12 n20 p224, 228, 2 Page(s)

ISSN: 0888-8507

Company Name: Output Technology

Product Name: Output Technology LaserMatrix 1000 Model 6

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): b

Geographic Location: United States

Presents a favorable review of the Output Technology LaserMatrix 1000 Model 6 (\$7,995), a laser printer from Output Technology Corp., Spokane, WA (509). The printer is rated at 16 ppm and offers Adobe PostScript and HP PCL 5 emulations with a resolution of 300 dpi. It includes 35 fonts in PostScript mode and eight scalable typefaces and seven bitmapped fonts in PCL 5 mode. In testing, its text speed approached its rating and it was one of the fastest tested printing Windows graphics in PCL emulation, although it was one of the slowest in PostScript mode. It provides automatic emulation switching as well as automatic switching between serial and parallel ports. It provides a **good** forms **printing** capability with vertical **image** registration to 1/150 inch and has a forms and labels

saver that can adjust page sizes for forms of varying lengths. It can accommodate 2,000 sheets of fanfold paper at a time. Includes one photo. (djd)

Descriptors: Laser Printer; Hardware Review; Local Area **Networks**  
Identifiers: Output Technology LaserMatrix 1000 Model 6; Output Technology

16/5/33 (Item 25 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00330464 93PI11-152

**IBM LaserPrinter 4039 12L, IBM LaserPrinter 4039 12R, IBM LaserPrinter 4039 16L**

Gunn, Angela  
PC Magazine , November 23, 1993 , v12 n20 p224, 1 Page(s)  
ISSN: 0888-8507  
Company Name: Lexmark International  
Product Name: IBM LaserPrinter 4039 12L; IBM LaserPrinter 4039 12R; IBM LaserPrinter 4039 16L  
Languages: English  
Document Type: Hardware Review  
Grade (of Product Reviewed): b; b; b  
Geographic Location: United States  
Presents favorable reviews of the IBM LaserPrinter 4039 12L (\$2,899), 4039 12R (\$1,999), and 4039 16L (\$3,399), three laser printers from Lexmark International Inc., Lexington, KY (800, 606). The printers include 4MB RAM, expandable to 16MB, and provide automatic emulation switching and simultaneously active parallel, serial, and optional **network** interfaces. The provide 39 Adobe Type 1 fonts, 13 Intellifont fonts, and 14 bitmap fonts. The offer a slot which can be used for optional font cartridges. Under PCL emulation the printers provide only 300 dpi resolution and they reproduce gray scales poorly. Under Lexmark's PostScript emulation they offer 600 dpi resolution. The 12L and 12R are rated at 12 ppm, while the 16L is rated at 16 ppm. These are the only **network** printers of the 10 reviewed that provide a power-saving mode. They are **good** choices for moderate-duty **network printing** . Includes one **photo** . (djd)

Descriptors: Laser Printer; Hardware Review; Local Area **Networks**  
Identifiers: IBM LaserPrinter 4039 12L; IBM LaserPrinter 4039 12R; IBM LaserPrinter 4039 16L; Lexmark International

16/5/34 (Item 26 from file: 233)  
DIALOG(R)File 233:Internet & Personal Comp. Abs.  
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00327541 93DB10-005

**INMAGIC Plus - plus images!**

Ellingen, Dana C  
Database , October 1, 1993 , v16 n5 p56-59, 4 Page(s)  
ISSN: 0162-4105  
Company Name: Inmagic  
Product Name: INMAGIC Plus  
Languages: English  
Document Type: Software Review  
Grade (of Product Reviewed): B  
Hardware/Software Compatibility: IBM PC Compatible  
Geographic Location: United States  
Presents a favorable review of INMAGIC Plus, Image version (\$NA), an

image database from Inmagic Inc. Runs on IBM PC compatibles with 500K RAM and an EGA display or better. Calls this a powerful tool featuring ease of adding images to existing data, and compatibility with a wide range of displays and printers. Reports that Inmagic Image is very fast both for searching and displaying images, even while adding images. Notes that black and white images can be referenced in .PCX or .TIF format, supporting uncompressed .TIF as well as the highly-compressed group IV .TIF. Also claims that printing is very easy to set up, and **images printed in good** time, but may require additional RAM for a laser printer. However, says that the image process takes the entire screen; and neither color nor grayscale is supported. Also explains some uses of image databases, such as for archives, maps, and trademarks. Includes five screen displays. (jo)

Descriptors: Data Base Management; Image Processing; Software Review; Database; Graphics; **Online** Searching  
Identifiers: INMAGIC Plus; Inmagic

**16/5/35 (Item 27 from file: 233)**

DIALOG(R) File 233:Internet & Personal Comp. Abs.  
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00291606 92MW10-010

**HP PaintJet XL300**

Negrino, Tom

Macworld , October 1, 1992 , v9 n10 p184-188, 2 Page(s)

ISSN: 0741-8647

Company Name: Hewlett-Packard

Product Name: HP PaintJet XL300

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: IBM PC; IBM PC Compatible; Macintosh

Geographic Location: United States

Presents a favorable review of the HP PaintJet XL300 (\$3,495), a color ink-jet printer from Hewlett-Packard (800). Features the Intel 80960 RISC processor, 2MB of RAM expandable to 18MB, an AppleTalk **network** connection for Macs, a Centronics parallel port for DOS PCs, and 300 dpi resolution. Says that it **prints** tabloid-size **images** ; it offers high resolution and **good** Pantone color simulation; and setup is easy; but the documentation is incomplete and lacks specifics; and the printer is somewhat noisy. Concludes that it is 'well worth considering if you are in the market for color in business presentations.' Rated three out of five stars. Includes a product summary. (jb)

Descriptors: Ink Jet Printer; Color Printer; Printer; Hardware Review

Identifiers: HP PaintJet XL300; Hewlett-Packard

**16/5/36 (Item 28 from file: 233)**

DIALOG(R) File 233:Internet & Personal Comp. Abs.  
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00268315 92PI02-112

**QMS-PS 1700: 600-dpi PostScript laser busts network bottlenecks**

Thomas, Susan G

PC Magazine , February 25, 1992 , v11 n4 p44, 1 Page(s)

ISSN: 0888-8507

Company Name: QMS

Product Name: QMS-PS 1700

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): b

Geographic Location: United States

Presents a favorable review of the QMS-PS 1700 (\$8995), a 17-ppm **network** laser printer from QMS Inc. of Mobile, AL (800, 205). Says the QMS-PS 1700 features a Canon NX engine, twin 500-sheet paper cassettes, 600-dpi resolution, an Intel 80960 RISC chip running at 25MHz, 8MB of RAM, simultaneous interfacing, LocalTalk and RS-232 serial interfaces, a Centronics parallel interface, and 45 resident PostScript fonts. Also says the printer performs well; but price is on the high side. Includes a **photo**, four **print** samples, and a **product** summary. (tbc)

Descriptors: Laser Printer; Printer; Hardware Review; **Networks** ; Peripherals

Identifiers: QMS-PS 1700; QMS

**16/5/37 (Item 29 from file: 233)**

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00242134 91IW06-153

**Apple StyleWriter's performance and price make it stand out**

Kaliczak, Anne

InfoWorld , June 10, 1991 , v13 n23 p89, 1 Pages

ISSN: 0199-6649

Languages: English

Document Type: Hardware Review

Grade (of Product Reviewed): B

Hardware/Software Compatibility: Macintosh

Geographic Location: United States

Presents a favorable review of the Apple StyleWriter (\$599), a thermal ink-jet printer for the Macintosh from Apple Computer of Cupertino, CA (408). Comes with a LocalTalk cable, a power supply, installer disks, documentation, and one ink cartridge (extra cartridges, \$22.99). Says it weighs 7.5 pounds; it is about the size of a shoebox; it provides quiet operation and close to laser-quality 360-dpi output; and it prints about one half page per minute in high-quality mode; but it cannot be hooked up to a **network** or shared AppleTalk environment, and it does not currently support background printing under MultiFinder. Recommends it as a **good** low-cost at-home **printer**. Includes one **photo**. (jb)

Descriptors: Ink Jet Printer; Printer; Hardware Review

Identifiers: Apple StyleWriter; Apple Computer

**16/5/38 (Item 1 from file: 475)**

DIALOG(R)File 475:Wall Street Journal Abs

(c) 2003 The New York Times. All rts. reserv.

08020938 NYT Sequence Number: 000000990507

**VIRTUAL BREAKFAST IN BED: WHEN IT'S REALLY THE THOUGHT THAT COUNTS**

COSTELLO, JANE

Wall Street Journal, Col. 1, Pg. 1, Sec. B

Friday May 7 1999

DOCUMENT TYPE: Newspaper JOURNAL CODE: WSJ LANGUAGE: English

RECORD TYPE: Abstract

ABSTRACT:

Freezone.com, a **Web** site for children, is allowing kids to assemble a virtual breakfast-in-bed for their mothers on Mother's Day; the 'Virtual Breakfast' consists of a **printed image** of the **items** selected by the child; some mothers report being less than overwhelmed by the prospect (M)

COMPANY NAMES: FREEZONE.COM  
DESCRIPTORS: MOTHER'S DAY; COMPUTERS AND THE INTERNET ; FOOD  
PERSONAL NAMES: COSTELLO, JANE

16/5/39 (Item 1 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
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09094206  
UMMT to invest RM8m in IT labs  
MALAYSIA: RM 8 MN ALLOTTED FOR IT INFRASTRUCTURE  
New Straits Times (XAS) 26 Apr 1999 Computimesp.1  
Language: ENGLISH

Some RM 2.5 mn has been earmarked by Universiti Multimedia Telekom (UMMT) of Malaysia to set up a virtual reality laboratory and a computer graphic laboratory in year 2000. For its information technology (IT) Faculty in the new campus located in **Cyberjaya**, UMMT will be spending over RM 8 mn to acquire and install a wide range of **networking**, software and hardware solutions. In particular, a tender which will close on 4 May 1999, has been released for the purchase of some 200 personal computers (PCs) for five of its eight teaching labs, according to Cheah Wooi Ping, chairman of the lab planning committee for **Cyberjaya** campus. The five labs are scheduled to commence operations in June 1999 when the new academic session begins. The remaining three labs are expected to complete by end-1999. UMMT's IT Faculty is also acquiring four NT **servers**, a Unix **server** and various peripheral devices such as compact disc-rewriteable (CD-RW), scanners and printers, either through invitations for quotations or tenders. Apart from eight teaching labs, the IT Faculty will also house a research lab. The new **Cyberjaya** campus of UMMT is slated to be operational in June 1999.

COMPANY: UMMT; UNIVERSITI MULTIMEDIA TELEKOM

PRODUCT: Colleges & Universities (8220); Industrial Buildings &  
**Warehouses** (1541); Computer Printers (3573PW); Minicomputers (3573MN);  
Microcomputers (3573MI); Document Image Management Systems (3573DM);  
Computer Software (7372);  
EVENT: General Management Services (26); Capital Expenditure (43); Use  
of Materials & Supplies (46); Contracts & Orders (61);  
COUNTRY: Malaysia (9MAO);

16/5/40 (Item 2 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
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06652295  
Photonet Japan to stir DI market  
JAPAN: PHOTONET'S NEW DIGITAL IMAGING SYSTEM  
Photo Electro News (ZCG) 19 Jun 1998 p. 4  
Language: ENGLISH

Photonet, a joint venture between Plaza Create, an independent photofinishing chain, and Picture Vision of the US, is introducing a new digital imaging system in photo stores and other locations. The Photonet Digital System comprises a personal computer configured as a scanning station and a dye-sub printer plus software, priced at v 1.6mn. Customers can order **Internet images**, **printed** if required on novelty goods.

Photonet hopes to install 500 DI system units at the Fujicolour Pallet Plaza minilab chain run by Plaza Create by the end of 1999.

COMPANY: PICTURE VISION; PLAZA CREATE; PHOTONET

PRODUCT: Document Image Management Software (7372DM); Document Image Management Systems (3573DM);

EVENT: Product Design & Development (33);

COUNTRY: Japan (9JPN);

**16/5/41 (Item 3 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06133075

Kodak expands in digital imaging products

US: KODAK RELEASES NEW RANGE OF DIGITAL PRODUCTS

Financial Times (FT) 29 Mar 1995 p.29

Language: ENGLISH

Looking to increase the use of electronic technologies and thus fuel future growth in pictures Eastman Kodak has announced a new range of products and agreements. The agreements, with a number of computer companies, will look to enlarge digital imaging business. US printing/copying services chain, Kinko, will test a Kodak imaging that can put full-colour images into documents. The new product range includes the ability to digitally store a photograph on the magnetic strip of a credit card, a point and shoot camera that can then be used with desk-top computers and a new formatting and transmitting method to send photographs via computers. The latter technology is to be used by Sprint and IBM as they offer a new range of **networked** imaging services.

(c) Financial Times 1995

COMPANY: EASTMAN KODAK

PRODUCT: **Printing** & Publishing (2700); Photographic Equip & Supplies (3860); Instruments & Related Products (3800); Commercial Banks (6020);

Consumer Finance Institutions (6140); Nonbank Credit Card Firms (6141); Retail Trade (5200); Telephone Communications (4811);

EVENT: Product Design & Development (33);

COUNTRY: United States (1USA);

**16/5/42 (Item 4 from file: 583)**

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05869600

Hyphen looks to print

UK: HYPHEN LAUNCHES A1 FILM SYSTEM

Printing World (PGW) 14 Jun 1993 p.14

Language: ENGLISH

Hyphen in the UK is launching a package called Hyphen A1 which includes an Imagesetter, batch imposition software, a graphics **server**, and a white plain proofer which will allow printers to produce complete A1 films.

COMPANY: HYPHEN

PRODUCT: Instruments & Related **Products** (3800); Printing Trades Machinery (3555); Document Image Management Software (7372DM); Document



Image Management Systems (3573DM);  
EVENT: Product Design & Development. (33);  
COUNTRY: United Kingdom (4UK);

16/5/43 (Item 5 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05152479  
WANG EXTENDS LEADERSHIP IN MULTIVENDOR IMAGING WITH OPEN/  
US - WANG LAUNCHES OPEN/IMAGE FOR UNIX  
News Release (NREL) 23 June 1992 p1-4

Wang Laboratories has launched OPEN/Image products with Unix software to expand in the open systems market. OPEN/Image for AIX offers imaging functions for the company's RISC Series which operates under AIX, the Unix operating system from IBM. The **product**, which features Microsoft Windows, offers **image** faxing, scanning, OCR, **printing** and storage functions, for colour, greyscale and black & white images. OPEN/Image for AIX will be demonstrated at the AIIM show on 23-25 June 1992, at Anaheim, CA, and will be available in September 1992. Image **server** software costs USD1r32,500-USD1r103k for each Wang RISC Series system, while workstation software costs USD1r1,600 for each PC client. Software for the image application programming interface (API) costs USD1r1,700-USD1r27,400/RISC system.\*\*

COMPANY: WANG LABORATORIES

PRODUCT: Document Image Management Systems (3573DM); Document Image Management Software (7372DM);  
EVENT: NEW PRODUCT EXTENSION (33);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia Treaty Organisation (913);

16/5/44 (Item 6 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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04260144  
'Thinking' chip learns to sharpen up photographs  
UK - KING'S COLLEGE DEVELOPS NEURAL **NETWORK** CHIP  
Engineer (ER) 9 May 1991 p46  
ISSN: 0013-7758

King's College, London, is currently developing a neural **network** chip which may lead to copiers and fax machines issuing and **printing** good quality **photos**. The chip has 130 probabilistic random access memories (pRAMs), or electronic brain cells, each connected to other brain cells via four electrical links. Each cell has a set of numbers determining an output probability for a given input. The chip can be educated to carry out complex operations, such as guiding a robot arm in 3D. One **network** has been trained to digitise photos by changing shades of grey into solid black and white dots. A commercial backer for the project is being sought.\*\*

PRODUCT: Robots (3569RO); Artificial Intelligence Systems (3573AI);  
Facsimile Equipment (3662FX); Semiconductor Devices (3674); Facsimile Services (4811FS); Blueprint & Photocopy Svcs (7332);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);

COUNTRY: United Kingdom (4UK); OECD Europe (415); NATO Countries (420);  
South East Asia Treaty Organisation (913);

Set	Items	Description
S1	263888	(DIGITAL OR ELECTRONIC?) (5N) (IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? OR PHOTOGRAPH?)
S2	17882	S1(7N) (UPLOAD? OR DOWNLOAD? OR HOST? OR STORING OR STORAGE-?)
S3	364	S2(S) (POS OR POINT(1W) SALE OR PAYPHONE? OR PAY() PHONE? OR - KIOSK? OR TERMINAL? ? OR CHECKOUT? OR CHECK()OUT?)
S4	725665	RECEIPT? OR INVOICE?
S5	55	S3(S) (FEE OR FEES OR COST? OR PRICE OR CHARG?)
S6	16296080	BILL? OR PAYMENT? OR PAYING OR PAID OR PAY? ?
S7	27	S3(S)S6
S8	0	S3(S)S4
S9	9	S3 AND S4
S10	72	S5 OR S7 OR S9
S11	62	S10 NOT PY>2001
S12	40	RD (unique items)
S13	36	S12 NOT PD=20010217:20031009

? show file

File 9:Business & Industry(R) Jul/1994-2003/Oct 08  
(c) 2003 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2003/Oct 09  
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(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

am

13/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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3051550 Supplier Number: 03051550 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**New Money-Making Opportunities Make Latest Photo Kiosks Sparkle!**  
**(Kodak's Picture Maker kiosks are located at over 26,000 retail sites worldwide, producing over 75 mil prints/year)**  
PTN, v 65, n 2, p 38+  
February 2001  
DOCUMENT TYPE: Journal ISSN: 0031-8770 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 3493

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...excess of the resolution of any (consumer) digital camera." Consumers also will be able to **upload** their **digital pictures** from the **kiosk** to DPI's Internet site.

Dry Duo

In addition to processing your digital images with...

13/3,K/2 (Item 2 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2003 Resp. DB Svcs. All rts. reserv.

2426377 Supplier Number: 02426377 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Silver-halide, digital to complement photo market**  
**(By the year 2000, digital camera sales in the US will reach 3 mil units; sales of cameras via the Internet will reach \$108 bil by the year 2003; 13.5 mil new cameras were sold in the US last year)**  
Photo Marketing, v 74, n 4, p 33+  
April 1999  
DOCUMENT TYPE: Journal ISSN: 0031-8531 (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2081

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...the traditional photographic system that provides high-quality, hardcopy images quickly and at a low **cost** must be supplemented by digital technology, which will permit quick-and-simple image transmission, image enhancement, manipulation and integration capabilities and **electronic image storage**.

**Digital** laser minilabs are one example of what the manufacturer can offer today to link digital...

13/3,K/3 (Item 3 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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1990382 Supplier Number: 01990382 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Kodak To Cut Jobs, Stick With Digital Imaging Strategy**

(Eastman Kodak will let go about 10,000 employees in an effort to cut its cost by at least \$1 bil; research and development will be cut by \$100 mil to \$150 mil)

Newsbytes News Network, p N/A

November 12, 1997

DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 397

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...said it will let about 10,000 employees go in an effort to cut its **costs** by at least \$1 **billion** over the next two years. The company also said it is sticking to its **digital photography** strategy, but will review its optical **storage** business and cut back on research and development. Kodak believes the existing retail photo business...

...press today. The company will build on its existing base of Image Magic stations and **kiosks**, linking them to a global network and allowing retailers to use them to digitize photos...

...place to cut investments in plants and manufacturing. The company said that of the \$1 **billion** it hopes to knock out of its **cost** structure in the next two years, about half will be cut by the end of...

**13/3,K/4 (Item 1 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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02144943 68529313

**Blueprint to the Digital Economy**

Sheets, Brenda Hayden

Information Technology, Learning, & Performance Journal v18n2 PP: 51-56

Fall 2000

JRNL CODE: OSRJ

WORD COUNT: 3750

...TEXT: businesses benefiting from the digital camera approach are insurance companies, real estate markets, and professional **photographers** who find **digital photography** to be **cost** effective, easy to use, **storage** efficient, and acceptable in quality. Gustin also illustrates the compatibility between film and digital photography...

... who prefer to photograph by film but who also wish to enjoy it digitally. Retail **kiosks** can process digital images taken from both film and digital cameras and format the output...

**13/3,K/5 (Item 2 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

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02098429 65160776

**Future of the net**

Brewin, Bob; Cope, James

Computerworld v34n50 PP: 76-78 Dec 11, 2000

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 2289

...TEXT: John Jacobs, the company's manager of dealer and field operations.

Instead of checking for **receipt** packet by packet, which is standard when using Internet protocols, spoofing fools the satellite into...wants to tap the 10M bit/sec. throughput of the wireless LAN to help couriers **download** fat **digital** signature files or **images** scanned by cameras housed in the courier's handheld **terminals**. Burke said this will take a big strain off the company's private wireless wide...

...Atlanta that today offers speeds of only 19.8K bit/sec. Burke also wants courier **terminals** that support short-range wireless Bluetooth systems under development by mobile phone manufacturers, PC and...

13/3,K/6 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02060369 59806860

**The prints of digital photography**

Leger, Dimitry Elias

Fortune v142n6 PP: 324 Sep 18, 2000

ISSN: 0015-8259 JRNL CODE: FOR

WORD COUNT: 694

...TEXT: is its new Digital Print Station, which it hopes to install in drugstores nationwide. This **kiosk** allows a **digital** camera user to **upload pictures** and produce prints of a quality akin to that of the finest print from standard film. In the process, the **kiosk**'s digital technology lets a user modify the shots to eliminate technical glitches, like red...

... a flash, or manipulate the image and create, say, a calendar or an invitation. The **charges** are less than it typically **costs** for similar nondigital prints.

Pixel Magic's Henry and David Oles with the company's...

13/3,K/7 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01786205 04-37196

**Digital raises spirits at PMA in otherwise flat photo industry**

Heller, Laura

Discount Store News v38n5 PP: 4, 42 Mar 8, 1999

ISSN: 0012-3587 JRNL CODE: DSN

WORD COUNT: 826

...TEXT: 35mm and APS (Advanced Photo System) and were bolstered by a host of software, interactive **kiosks** and on-line options for the **storage** and sharing of **digital images**. New cameras range anywhere from just under \$1,000 for the latest megapixel and super-megapixel models to some lower-resolution units with few features in the \$200 **price** range.

But digital imaging is hardly a home run for the photo industry just yet...

13/3,K/8 (Item 5 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00144683 81-14553  
**Typesetting Technology Lessens Restrictions**  
Alexander, George A.  
Office v93n6 PP: 63, 90-91 Jun 1981  
ISSN: 0030-0128 JRNL CODE: OFF

...ABSTRACT: are likely to cause failures. The advances are based on digital technology. Huge amounts of **storage** are required for **digital** typesetting, and the **image** -formation process is analogous to the process whereby characters are displayed on the screen of a word processing **terminal**. However, in the digital typesetter, each stroke is comprised of hundreds of closely packed vertical...

... high-speed machines, and they are now being worked out for the slower and less **costly** equipment.

13/3,K/9 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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09205720 Supplier Number: 78680881 (USE FORMAT 7 FOR FULLTEXT)  
**New Money-Making Opportunities Make Latest Photo Kiosks Sparkle!**  
O'Neill, Jerry  
Photo Trade News, v65, n2, p38  
Feb, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 3814

... excess of the resolution of any (consumer) digital camera."  
Consumers also will be able to **upload** their **digital pictures** from the **kiosk** to DPI's Internet site.

Dry Duo

In addition to processing your digital images with...

13/3,K/10 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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08242313 Supplier Number: 69296437 (USE FORMAT 7 FOR FULLTEXT)  
**CHANNELS; P-O-P The Last Stand. (point of purchase displays)**  
Promo, pNA  
Jan, 2001  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1878

... however, is the future. Phillips Petroleum, Bartlesville, OK, recently announced a deal with Dallas-based **kiosk** operator **Billboard Video** to provide full-motion news and advertising feeds to gas pumps at its 266...

...the South and Western U.S. AG Industries earned another Gold Design nod for a **kiosk** it developed with software maker ObjectSoft, Hackensack, NJ,

that runs movie trailers and provides Internet...

...stores including Blockbuster and Hollywood Video outlets. For FujiFilm, Elmsford, NY, AG Industries produced a **Digital Picture Center** for camera shops that lets consumers **download** photo files, scan slides or negatives, and output images.

New Internet clients are also pushing...

**13/3,K/11 (Item 3 from file: 16)**

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07885534 Supplier Number: 65863610 (USE FORMAT 7 FOR FULLTEXT)

**PICTURE THIS : Digital photo processing offers promise of new revenue stream for drugstores. (Brief Article)**

PAGE, DOUGLAS

Drug Topics, v144, n19, p72

Oct 2, 2000

Language: English Record Type: Fulltext

Article Type: Brief Article

Document Type: Magazine/Journal; Trade

Word Count: 692

... photo, have it scanned and digitized, then either have an enlargement printed or have the **digital photos** written to a compact disk or **uploaded** to a Web site. The business potential here is limitless; there are an estimated 500 **billion** photos pasted in scrapbooks or stuffed in shoeboxes.

Currently, freestanding kiosks, which a pharmacy would...

**13/3,K/12 (Item 4 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

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07821700 Supplier Number: 65320029 (USE FORMAT 7 FOR FULLTEXT)

**SanDisk and PMI Demonstrate World's First Silver Halide Processing Digital Photo Kiosk; High Quality Prints From the Kiosk and Ease of Use Expected to Attract Digital Camera Owners.**

Business Wire, p0164

Sept 20, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 714

... high quality photo prints of digitally captured images that will enhance the instant gratification that **digital photography** offers.

Besides printing **photos**, the DPI **kiosks** will allow consumers to **upload** their personal files of **digital pictures** either from the kiosk or from their home PC to the DPI photographic portal partners...

**13/3,K/13 (Item 5 from file: 16)**

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07728025 Supplier Number: 64148152 (USE FORMAT 7 FOR FULLTEXT)

**Reading Between the Lines.**

Anderson, Alan



Enterprise Systems Journal, v15, n8, p44  
August, 2000  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count: 1901

ABSTRACT:

...retailers use @pos.com's @POS special purpose computer system along with integrated services from **ReceiptCity** .

... enabled POS device was developed by @pos.com Inc. and includes e-services offered by **ReceiptCity** . These services include providing retailers and credit card processors with secure electronic **receipt** hosting and management; giving customers of participating retailers Web sites where they can store and manage their own **receipts** and receive special offers; and delivering personalized ads, promotions and surveys to in-store shoppers...

...simultaneously to a transaction processor for authentication and through a secure Internet connection to the **ReceiptCity** data center. At the data center, the customer ID is passed to a profiling engine...

...stylus to sign on the touch-sensitive screen. The signature is digitized and stored on **ReceiptCity** 's data center server. While the device and **receipt** storage mean that retailers can make **receipt** management completely paperless, if needed, the system can print the **receipt** using the captured signature, providing the best of both worlds.

Should a retailer need a **receipt** for charge-back resolution, retrieving a digital file costs far less than retrieving a paper copy. Better yet, when customers retrieve their own **receipts** , the retailer avoids any customer service costs for **receipt** retrieval.

At this stage of the transaction, the **payment** transaction device is networked to the store's server. By using the Java Virtual Machine (JVM) rather than Windows CE or another equally closed system, the @ **pos** .com device offers more flexibility, since connectivity, security and multimedia were built into the foundation of the language. Using this software, the device captures a **digital image** of the signature and **uploads** this information to the server, along with all the transaction information.

**ReceiptCity** 's eReceiptSM service gives retailers a secure vault for storing purchase information and **receipts** . This not only streamlines customer service by enabling instant retrieval of purchase **receipts** in their entirety, but further reduces overhead by virtually eliminating the problems of **receipt** resolution for those customers who "lose" their **receipts** and attempt to return half of a two-for-one purchase for full price. Of...

...quick access to actual transaction information also benefits honest shoppers who truly have lost their **receipts** , but need to return merchandise purchased at pre-Christmas prices after post-holiday markdowns have been made. Thanks to the flexibility of the open system, **ReceiptCity** 's data center can service multiple stores, driving down the overall cost of its **receipt** management services.

The **ReceiptCity** database of purchase information enables retailers to create customer profiles based on previous buying patterns...

...mortar stores but also via links to their Web sites. When shoppers go to the **ReceiptCity** .com powered Web site or to a participating merchant's site, the ads and promotions...

...by wanting to check out new promotions as by wanting to view and manage their **receipts** .

Line-item **receipt** management is one of **ReceiptCity** 's unique offerings for shoppers. Once they've accessed their **receipts** , shoppers can "manage" the **receipts** to efficiently accomplish otherwise tedious tasks. Besides tracking purchases, shoppers can "tag" each line item on the **receipt** as a business expense and/or tax deduction and download it right into expense report...

...Quicken. Once deals are struck with manufacturers, shoppers will be able to use their electronic **receipts** to register product warranties online -- and make claims online, too.

#### **ReceiptCity** Components

Since the end-to-end Java 2 framework reduces incompatibilities between the enterprise and...

...used throughout the entire system. It executes as a critical component in the enterprise portion ( **ReceiptCity** ) and the deployed device portion (@pos). The development teams on both sides communicate with each...

...messages on in-store devices is used as one of the revenue streams in the **ReceiptCity** business model.

Under the cover of @pos.com's new device is OS-9, a...

COMPANY NAMES: pos.com Inc.; **ReceiptCity**

13/3,K/14 (Item 6 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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06071469 Supplier Number: 53547924 (USE FORMAT 7 FOR FULLTEXT)

**Making Plug And Play Universal 01/08/99.**

Newsbytes, pNA

Jan 8, 1999

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 883

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...networking smart objects involves working within tight programming budget constraints, keeping the virtual real estate **cost** low as objects "federate," or work seamlessly, with the PC and other intelligent applications. They...

...handheld PC to store the family shopping list, download coupons or recipes from a store **kiosk** , retrieve messages, locate a runaway dog using global positioning, turn up the household heat while...

...security camera being recognized and used without turning off the main system. They took a **digital picture** , **downloaded** it directly to the PC by infrared connection, and the image appeared on the screen...

13/3,K/15 (Item 7 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

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05612888 Supplier Number: 48492320 (USE FORMAT 7 FOR FULLTEXT)

**AOL AND KODAK TO OFFER ONLINE PHOTO DELIVERY SERVICE**

Computergram International, n3414, pN/A

May 20, 1998

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 477

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Got Pictures!" allows AOL subscribers to drop film off at participating retail outlets and have **digital images** scanned, **uploaded** and delivered to a specific AOL account. Photos can then be arranged in a personal...

...imaging. Pittman likes the market's potential, pointing to the fact that Americans take 20 **billion** pictures each year, while AOL members receive 29 **billion** emails. Both companies said they will make joint investments in advertising and marketing, product development...

...To use the service, members will give their AOL screen name to the retailer and **pay** an extra \$5 to \$7 on top of normal development **fees** to have the digital images sent to them, usually within 48 hours. When the photos...

...other products, such as personalized calendars, online. AOL will provide one photo album free of **charge** to each member, but beyond that they will **charge** an added **fee** which has yet to be determined. Images not posted to albums will be kept for...

...by obtaining a screen name at the AOL.com web site, but will have to **pay** if they want to use the delivery and storage services themselves over the web. Later this year, **kiosks** should be available at retailers for non- PC owners to view and order copies of...

13/3,K/16 (Item 8 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)  
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05612758 Supplier Number: 48492174 (USE FORMAT 7 FOR FULLTEXT)

**INTERNET: AOL AND KODAK TO OFFER ONLINE PHOTO DELIVERY SERVICE**

Network Briefing, pN/A

May 20, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 481

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...Got Pictures!" allows AOL subscribers to drop film off at participating retail outlets and have **digital images** scanned, **uploaded** and delivered to a specific AOL account. Photos can then be arranged in a personal...

...imaging. Pittman likes the market's potential, pointing to the fact that Americans take 20 **billion** pictures each year, while AOL members receive 29 **billion** emails. Both companies said they will make joint investments in advertising and marketing, product development...

...To use the service, members will give their AOL screen name to the retailer and **pay** an extra \$5 to \$7 on top of normal development **fees** to have the digital images sent to them, usually within 48 hours. When the photos...

...other products, such as personalized calendars, online. AOL will provide one photo album free of **charge** to each member, but beyond that they will **charge** an added **fee** which has yet to be determined. Images not posted to albums will be kept for...

...by obtaining a screen name at the AOL.com web site, but will have to **pay** if they want to use the delivery and storage services themselves over the web. Later this year, **kiosks** should be available at retailers for non- PC owners to view and order copies of...

13/3,K/17 (Item 9 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04801520 Supplier Number: 47065289 (USE FORMAT 7 FOR FULLTEXT)  
**For hometown patients, the wait is over through new teleradiology company.**  
Business Wire, p1271224  
Jan 27, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 511

... central storage of digital images -- rather than film images -- that are immediately available for computer **terminal** viewing or paper output at the patient's health care facility. In addition, INPHACT's...

...can eliminate health care facilities' need for on-site storage of film images, reducing overhead **costs** .

In fact, depending on facility size and number of imaging procedures performed annually, INPHACT can...

13/3,K/18 (Item 10 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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04045456 Supplier Number: 45884066 (USE FORMAT 7 FOR FULLTEXT)  
**JAPANESE MAJORS LICENSE DREXLER'S OPTICAL STORAGE CARD TECH**  
Computergram International, n2778, pN/A  
Oct 25, 1995  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 119

(USE FORMAT 7 FOR FULLTEXT)  
TEXT:  
...lighter and 72% smaller than the RW-20 model it replaces; it has capacity for **storage of digital images** such as **photographs** and X-rays, as well as text and strings of numbers as in the phone cards used in the **pay phones** of British Telecommunications Plc; the reader-writer sells for \$4,000.

13/3,K/19 (Item 11 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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02108165 Supplier Number: 42732675

**BancTec Inc. - Company Report**

Investext, pl-6

Feb 5, 1992

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...BancTec's equipment sales to decline during FY:91 and FY:92, maintenance and installation **fees** continued to increase and now account for about 40% of total revenues. BancTec's ImageFIRST systems make the handling of paper documents more efficient by capturing and **storing electronic images** for display and processing on PC/ **terminal** screens. Customers for the high-end ImageFIRST 5500 include Banc One, several Ameritech Bell telephone ...

**13/3,K/20 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

11499636 SUPPLIER NUMBER: 57563615 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Digital Shutterbugs, Unite! (Technology Information) (Tutorial)**

Holzberg, Carol S.

Technology & Learning, 20, 3, 52

Oct, 1999

DOCUMENT TYPE: Tutorial

ISSN: 1053-6728

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 641 LINE COUNT: 00058

**TEXT:**

...digital camera, you can easily document a class project or field trip. Yet digital cameras **cost** big bucks, and often the language used to describe their features is as foreign as...

...optical vs. digital zoom," "megapixel," "CCD," and "lag time" send you running for a dictionary, **check out** the Internet. You'll find sites with jargon-free definitions of complex camera terms, answers to frequently asked questions about film and filmless cameras, product reviews, tips on **downloading digital images** into the computer, advice on image editing, plus information on the history of photography. Our...

**13/3,K/21 (Item 2 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2003 The Gale Group. All rts. reserv.

03823223 SUPPLIER NUMBER: 07714743

**Kofax image processors feature compact storage.**

Brownstein, Mark

InfoWorld, v11, n25, p29(1)

June 19, 1989

ISSN: 0199-6649

LANGUAGE: ENGLISH

RECORD TYPE: ABSTRACT

...ABSTRACT: Image Processing Platform (KIPP) scans an image into the system and compresses it for compact **storage**. It uses an **electronic - image** database to manage the scanned documents. Three components were initially announced. The KF-9200 document...

...drives printing and scanning at up to 40 pages per minute. It has a list **price** of \$1,995. The KF-9100 image-processing board allows a **terminal**

to retrieve, expand, compress, rotate, and scale images. It lists for \$995. The KF-910...

...KF-9100 board with the same functions. It lists for \$99. A developer's toolkit **costs** \$995. A bundled kit sells for \$2,850.

13/3,K/22 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01076498

**Systems: Video and optical recording.**  
Data Processing May, 1984 p. 31-33

... data, and the read-write optical digital disc for storing digital data. Optical videodiscs provide **cost** -effective storage, retrieval and distribution systems, and random access, freeze frame, 2-way user interaction...

... include photographic archives for NASA Voyager missions, armoured tank cockpit simulators for the US Army, **point** of **sale** and maintenance for auto manufacturers, access to 750,000 US patent drawings, and surgical procedure training. The optical digital disc stores enormous quantities of data in **digital** form, so is suitable for **image storage** such as library index cards and office automation of document storage.

...

13/3,K/23 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01526049 SUPPLIER NUMBER: 12335480 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Mapping workflow: how imaging can eliminate congestion and gridlock in business automation. (use of imaging technology to streamline business automation process) (includes related article on implementing workflow management systems) (Imaging)**

Radding, Alan

MIDRANGE Systems, v5, n13, p19(4)

July 7, 1992

ISSN: 1041-8237

LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2122

LINE COUNT: 00175

... workflow management system requires a network. If imaging is involved, users will need image-capable **terminals**, PCs, or work-stations. Imaging also requires scanners to translate documents into **electronic images** and large amounts of **storage**, usually optical disk although magnetic disk can be used for small systems.

While workflow management...year with an imaging/workflow system to process payables, BP Exploration (Houston) lost only 12 **invoices**. In prior years, the company misplaced anywhere from several hundred to 1,000 **invoices**, reports Doris Hughes, manager of information resources. In the last nine months, no **invoices** have been lost. She believes that the dozen **invoices** presumed lost never were received or were misplaced during the transition to the new system...

13/3,K/24 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2003 The Gale Group. All rts. reserv.

04190876 Supplier Number: 54812842 (USE FORMAT 7 FOR FULLTEXT)

**CALENDAR.**

Tech Europe, pNA

June 3, 1999

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 5175

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

...extensive consultation period, the DTI statement confirms an expected delay of the complex, GBP1. 0 **billion** (USD1.63 **billion** ) plus auction for high frequency radio spectrum that will turn mobile telecommunications products such as...

...The so-called UMTS (Universal Mobile Telecommunications System) licences are expected to allow cellphone, mobile **terminal** and laptop users to surf the Internet, **download electronic** mail, music and **pictures** and hold videoconferences on the move. Britain's four mobile telephone companies - Vodafone Group Plc...some unfavourable developments in the industry. At the same time, with average year on year **price** drops of 19.4% for European PC desktops, and special bargain offers and bundles fuelling...

...hired Donaldson, Lufkin & Jenrette to advise it on restructuring its debt and reducing its financing **costs** . Iridium has struggled to meet its financial and subscriber targets required as part of its...

...USD54 million in the first quarter of 1998. Loral attributed the wider loss largely to **costs** associated with developing the Globalstar Telecommunications Ltd. satellite communications network. Loral is the largest investor in Globalstar, which is building a USD2.6 **billion** network of low-earth-orbit satellites to provide global communications services. Globalstar's network development of depreciation and absorption **costs** from the USD479 million acquisition of Orion Network Systems in March 1998, Loral said. Earnings before interest, taxes, depreciation and amortisation and before development **costs** jumped 38% to USD68 million from USD49 million a year ago...MM:TECE..II:0149...

...has three million customers, would have a market worth in excess of Euro10-15 t **billion** if it was valued on a similar basis as America Online. T-Online is Germany...enterprises and consumers world-wide. With 120,000 employees and sales of Euro 21.3 **billion** , Alcatel operates in more than 130 countries...MM:TECE..II:0149..DD:19990603..AA:503...  
...entry point into France." The take-over comes hot on the heels of the NTL **paying** Euro 160 million for Cablelink, Ireland's biggest cable TV outfit. NTL is the third...

...would launch an Internet gateway with vocal access that would generate income of hundreds of **billions** of lire next year. Omnitel is the joint venture that Olivetti intends to sell to...

...new service - which will link into other services - to generate income of "several tens of **billions** of lire this year, and next year I would like to be able to add...

...rise in local call traffic amid increased demand for services such as Internet and interconnection **charges** . Figures far outstripped analysts' expectations for a 21.5% rise in attributable profit. Total revenues at the

former monopoly rose to Euro 3.14 **billion** from Euro 2.98 **billion** in ...fell 19.9%, dented by a 27.4% rise in amortisation to Euro 1.02 **billion** . Rapidly growing mobile telephony was once again at the core of the company's improvement...

...to March 31, 1998 of GBP602 million (USD979.8 million), on sales of GBP4.67 **billion** . This compares to actual operating profits reported last year of GBP954 million before exceptionals on turnover including contributions from joint ventures of GBP10.4 **billion** . Management now aims to double the company's value in at most five years.The...

...growth telecoms and electronics businesses. In April the company announced plans to spend USD4.5 **billion** on US Internet-related telecoms firm Fore Systems Inc, having agreed the month before to spend USD2.1 **billion** on buying Reltec Inc, another US telecoms firm. As a result GEC said the Marconi...

...Systems, to British Aerospace, in a share and debt deal currently worth nearly GBP7.5 **billion** ...MM:TECE..II:0149..DD:19990603..AA:509..TT:TOYOTA SAYS NO DECISION YET ON...

...decision would take into account several factors, including IDC employees' job security, the share offer **price** and international relations. IDC has been the target of a takeover battle between Britain's ...

13/3,K/25 (Item 2 from file: 636)

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

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03895570 Supplier Number: 50058044 (USE FORMAT 7 FOR FULLTEXT)

**FOCUS ON IT STAFFING**

Information Technology Report, v5, n9, pN/A

May 15, 1998

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1922

... West Lake Community Hospital Melrose Park, IL, 300 beds Philosophy: Formerly outsourced some processes like **billing** but now does minimum outsourcing because of lack of effectiveness. Rather **pay** money to have expertise in house. Outsourcing only for easily contained projects like report writing...

...IMNET Systems Inc. Challenges: Attracting and retaining people for a demanding work environment. Must meet **pay** and benefits standards set by for-profit industry while requiring no travel. Needs to transfer...400 through the wireless LAN and the Novell NetWare LAN using IBM's Client Access **terminal** emulation software. They will later be linked to Micromedex, a database of drugs and their...

...nurses will use bar code guns on their laptops to read patient numbers and record **charges** for supplies used to each patient's account. Other projects under way include planning for...

...These run Microsoft Windows 3.x and 95 in addition to IBM's Client Access **terminal** emulation software. PC applications are WordPerfect 6.2; Borland's Quattro Pro 6.0; Pegasus...

...to the IS department. Boyle recently installed a Windows NT server to



support his pilot **electronic image** scanning and **storage** system. The laptops currently run e-mail and bar code scanning systems. While the laptops...

13/3,K/26 (Item 3 from file: 636)  
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02692112 Supplier Number: 45459398 (USE FORMAT 7 FOR FULLTEXT)

**SIDEWIRE...**

Telecomworldwire, pN/A

April 7, 1995

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 460

... has now officially rejected the idea of a national computerised train safety system, claiming the **costs**, said to work out at GBP14m per life saved, far outweighed the benefits, notes Computer...

...Europe's Most Wanted' television programme... PARAGON SOFTWARE in the UK has substantially reduced the **cost** of exchanging business mail over its managed messaging service -- MessageXchange -- making global electronic communications affordable for companies of all sizes; 50% has been cut off the **charges** ... More exploding phone boxes: it has emerged that a BT **payphone** in Weston-on-Avon in the Midlands has been blew up, leaving police puzzled as...

...IBM is planning a full-scale digital library for Internet users, based on the same **digital image** scanning, **storing** and searching technologies it has been using to create an electronic collection of rare books...

13/3,K/27 (Item 4 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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01993629 Supplier Number: 43578265 (USE FORMAT 7 FOR FULLTEXT)

**Fingerprints And Voice Speak To EFT Security**

Bank Network News, v11, n16, pN/A

Jan 12, 1993

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 1235

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

The comparison of fingerprints, voice or retina patterns to identify consumers at ATMs and **point-of-sale terminals** has captured the fancy and imagination of those both in and outside of the EFT...

...by comparing distinct physical traits - is more than entertainment. Concern about rising fraud, particularly in **POS**, has gotten the banking industry to look hard at the next level of EFT security...

...industry sources say. Some of the biggest obstacles to implementing biometric systems relate to the **storage** and transfer of the **digital images** used for comparison purposes. For example, a shared network or

processor might have to keep millions of copies of **digital** fingerprint **images** in **storage** . When a consumer used an ATM or **POS terminal** , he would create another fingerprint image which would be sent from a **terminal** to a mainframe where the images would be compared. Smart Cards "There are a lot...

...resolved as to whether EFT will accept smart cards. Many argue against abandoning the low- **cost** mag-stripe card. However, AT&T and NCR are convinced that the smart card will...

...to create potential problems." Van Fleet views biometrics as part of the natural evolution of **payment** security which as banks and associations find new improved means of security, criminals will find...

...s parents, has been studying biometrics for numerous bank security applications for several years - including **POS** applications. But Wetzel says increased concern over PIN security has put more pressure on ATM and **POS terminal** manufactures to pursue new forms of security technology. Then InterBold developed a system for South...

...its applications research in 1993 and expects to have a product available in 1994. Retrofit **Costs** Wetzel estimates it will **cost** in the \$3,000 to \$5,000 range to retrofit an existing ATM with biometric...

...i-Series and MDS models. NCR is also looking at its voice recognition system for **POS** and ATM applications. **Terminals** are expected to be available in late 1993 or early 1994. No pricing information is...

...media attention, prompting a late-night comic to speculate that comedian Dana Carvey could get **billions** out of ATMs by impersonating Ross Perrot. That, experts say, couldn't happen, because while...

13/3,K/28 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
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14172612 (USE FORMAT 7 OR 9 FOR FULLTEXT)

(PR) **Telepix Expands Deployment of Digital Photo System with Canada's Largest Retail Photofinisher**

PR NEWSWIRE

December 11, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 626

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and reprints, consumer photo editing software, order processing and routing, photo print production output, secure **payment** processing, financial reporting and other photofinisher-to-consumer business processes.

About Loblaws

Loblaw Companies is...

13/3,K/29 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter  
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14172321 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Telepix Expands Deployment of Digital Photo System with Canada's Largest**

**Retail Photofinisher**

CANADA NEWSWIRE

December 11, 2000

JOURNAL CODE: WCNW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 624

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... and reprints, consumer photo editing software, order processing and routing, photo print production output, secure **payment** processing, financial reporting and other photofinisher-to-consumer business processes.

About Loblaws

Loblaw Companies is...

**13/3,K/30 (Item 3 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

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14043630 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**(PR) PhotoChannel Networks Inc. reports fourth quarter and year end results for the period ended September 30, 2000**

PR NEWSWIRE

December 01, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1055

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the PhotoChannel USB . CardReader and PC Uploader software enable sophisticated image selection, editing and batch **uploading** of **digital images** from SmartMedia or Compact Flash memory cards directly to the Company's website. ABOUT PHOTOCHANNEL...

**13/3,K/31 (Item 4 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

12899699 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**NEW TECH**

EVENING STANDARD

September 19, 2000

JOURNAL CODE: FES LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 472

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... to buy with confidence. It is due out in the middle of next year -- the **price** is undecided. See [www.nokia.com](http://www.nokia.com) for more.

Chris Partridge

**13/3,K/32 (Item 5 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2003 The Dialog Corp. All rts. reserv.

12899697 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**REVIEWS**

EVENING STANDARD

September 19, 2000  
JOURNAL CODE: FES    LANGUAGE: English    RECORD TYPE: FULLTEXT  
WORD COUNT: 1088

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...        to buy with confidence. It is due out in the middle of next year --  
the **price** is undecided. See [www.nokia.com](http://www.nokia.com) for more.  
rendered, the directions are clear and those...

**13/3,K/33        (Item 6 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02903139  
**New IMP Microprocessor Supervisors Offer 70% Lower Power At 50% Lower  
Prices**  
BUSINESS WIRE  
September 23, 1998  
JOURNAL CODE: WBWE    LANGUAGE: English    RECORD TYPE: FULLTEXT  
WORD COUNT: 873

...888-323-2019. Note to Editors: Product photographs are available by  
calling 408.434.1467. **Electronic images** can be **downloaded** at  
[www.impweb.com/editor](http://www.impweb.com/editor). CONTACT: IMP, Inc. Barry Wiley, 408/432-9100  
(editor) bhwiley...

**13/3,K/34        (Item 7 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

02828819  
**Telepix Imaging Provides Unique Digital Imaging Products And Services For  
London Drugs Photo Finishing Needs**  
CANADA NEWSWIRE  
September 16, 1998  
JOURNAL CODE: WCNW    LANGUAGE: English    RECORD TYPE: FULLTEXT  
WORD COUNT: 878

... Telepix was the most innovative and most complete digital photo  
finishing choice - at the best **price** - for London Drugs,' says Nick  
Curalli, corporate project manager at London Drugs. ``No other digital...

... and more. Telepix has also provided London Drugs with Telepix  
PhotoStation, a touch screen photo **kiosk** that allows customers of London  
Drugs to make their own prints and enlargements -- an easy, low- **cost** way  
to give people the benefits of digital imaging. Making multi-format package  
prints is...

... the Telepix-created London Drugs Photo Network or e-mail their photos  
directly from the **kiosk**. A Take-Home Solution For The Customer London  
Drugs' customers using the Telepix-designed digital...

**13/3,K/35        (Item 8 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2003 The Dialog Corp. All rts. reserv.

01430259

**St. Johns County Implements Multi-Jurisdictional Motorola Wireless Data Solution**

BUSINESS WIRE

April 20, 1998 16:38

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 616

...with a reliable data protocol. The county chose a private system in order to lower **cost**, enable priority user access and maintain system control. The St. Johns County system also is...

... Windows(R) '95 applications. The Mobile Workstation 520 combines the flexibility of a wireless data **terminal** with the power of a desktop computer, effectively creating a mobile office environment for in...

... of other products are powered by Motorola semiconductors. Motorola's 1997 sales were \$29.8 **billion**. Private DataTAC is a trademark of Motorola, Inc. Windows is a trademark of Microsoft Corp...

**13/3,K/36 (Item 1 from file: 476)**

DIALOG(R)File 476:Financial Times Fulltext

(c) 2003 Financial Times Ltd. All rts. reserv.

0009017985 BOHFOAFAFFFT

**Technology: Spy at the checkout: Neil Crossley examines the variety of methods retailers are adopting to combat staff theft**

NEIL CROSSLEY

Financial Times, London Edition 1 ED, P 18

Friday, June 27, 1997

DOCUMENT TYPE: Features; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

Word Count: 878

...theft.

Identifying fraudulent transactions is a problem for retailers. These are identifiable by analysing till **receipt** data from electronic point of sale terminals. But this involves sifting through vast amounts of...

...such transactions occur at a terminal, the software is automatically triggered to record the till **receipt** data and collate it as a report.

In the US, the ICL software has already...

...video tape. Live video footage of the employee and customer as well as the till **receipt** is displayed on monitors in the store's control room.

'At the end of each...

...video pictures. Most event-monitoring systems still rely on analogue video recorders. By fitting electronic **point of sale terminals** with videocapture cards, images can be written directly to the **terminal**'s hard disk and **downloaded** on to **digital** audio tape, producing superior **digital** images of suspects.

Many UK retailers believe that digital television monitoring is the way forward in...

Set	Items	Description
S1	26563	(DIGITAL OR ELECTRONIC?) (2N) (IMAGE? ? OR PICTURE? OR PICTO- RIAL OR PICTORAL OR PHOTO? ? OR PHOTOGRAPH?)
S2	292380	POS OR POINT(1W) SALE OR PAYPHONE? OR PAY() PHONE? OR KIOSK? OR TERMINAL? ? OR CHECKOUT? OR CHECK() OUT?
S3	218699	RECEIPT? OR INVOICE?
S4	437108	UPLOAD? OR DOWNLOAD? OR HOST? OR STORING OR STORAGE?
S5	651168	FEE OR FEES OR COST? OR PRICE OR CHARG?
S6	113143	BILL? OR PAYMENT? OR PAYING OR PAID OR PAY? ?
S7	2918	S4(7N)S1
S8	129	S7(S)S2
S9	21	S8(S)(S5 OR S6 OR S3)
S10	6	S9 AND IC=G06F-017/60

? show file

File 348:EUROPEAN PATENTS 1978-2003/Sep W04

(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20031002,UT=20030925

(c) 2003 WIPO/Univentio

10/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01578602

**System, method and software product for allowing a consumer to order image products over a communication network from a plurality of different providers**

**System, Verfahren und Computerprogramm, um einem Verbraucher zu erlauben, Bildprodukte über ein Kommunikationsnetz von einer Mehrzahl unterschiedlicher Lieferanten zu bestellen**

**Système, méthode et logiciel pour permettre à un consommateur de commander des produits de type image, au moyen d'un réseau de communication d'une pluralité de fournisseurs de services**

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Chauvin, Lou, Patent Legal Staff, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Bussey, Howard E., Patent Legal Staff, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Gerskovich, Philip, Patent Legal Staff, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Cook, Mark S., Patent Legal Staff, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Dobbs, Christopher M., Patent Legal Staff, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

McIntyre, Dale F., Patent Legal Staff, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1310894 A1 030514 (Basic)

APPLICATION (CC, No, Date): EP 2002255537 020807;

PRIORITY (CC, No, Date): US 939369 010824

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 138

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200320	642
SPEC A	(English)	200320	5657
Total word count - document A			6299
Total word count - document B			0
Total word count - documents A + B			6299

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION digital images such that the high resolution digital image file can be downloaded to the **kiosk** for printing by the **kiosk** or locally connected printing device. The user can then select a frame for the printed...

...the member provider which provides access to the high resolution digital image to assess a **fee** directly to the **kiosk** for **payment** by the user or the **kiosk** member provider/retailer who is also selling the picture frame.

In a third scenario, a...

...member provider 22 to permit him to resume taking pictures. The user interacting with a **kiosk** in a theme park operates software running on the **kiosk** to access the storage member provider 22 of his choice provided within system 10. Using a credit card, the user agrees to **pay** the **kiosk** operator a **fee** for transferring the digital image files from his digital camera to his preferred member provider 22 for **storing** **digital image** files. While the **digital image** files are transferring, software running on the **kiosk** offers a promotional opportunity provided by promotion member provider 24 in system 10 to print...

...location serviced by another member provider. If the user takes advantage of the promotion, the **kiosk** member provider will waive or discount the upload **fee**. In alternate embodiment of this scenario, the promotion provider 26 could have previously provided a coupon to the user as a credit for the **kiosk** member provider to cover the upload **fee**. Thus, it should be obvious that a plurality of different member providers can be used...

...and/or services for immediate access, a second provider can be used for long term **storage** of **digital image** files, and a third provider can be used for providing goods and/or services at...

10/3,K/2 (Item 2 from file: 348).

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2003 European Patent Office. All rts. reserv.

01549383

**System, method and software product for ordering image products over a communication network from a plurality of different providers having various business relationships**

**System, Verfahren und Computerprogramm für die Bestellung von Bildprodukten über ein Kommunikationsnetz von einer Mehrzahl unterschiedlicher Lieferanten, die verschiedene Geschäftsbeziehungen haben**

**Système, méthode et logiciel pour commander, au moyen d'un réseau de communication, des produits de type image d'une pluralité de fournisseurs de services ayant différentes relations commerciales**

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Chauvin, Lou, c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Bussey, Howard E., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Parulski, Kenneth A., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Gotham, Pamela J., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Cook, Mark S., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Foster, John A., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)



Dobbs, Christopher M., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Thompson, Timothy G., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Gerskovich, Philip, c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
McIntyre, Dale F., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,  
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)  
PATENT (CC, No, Kind, Date): EP 1288828 A1 030305 (Basic)  
APPLICATION (CC, No, Date): EP 2002255539 020807;  
PRIORITY (CC, No, Date): US 939369 010824; US 51338 020118  
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: **G06F-017/60**  
ABSTRACT WORD COUNT: 102  
NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200310	450
SPEC A	(English)	200310	10605
Total word count - document A			11055
Total word count - document B			0
Total word count - documents A + B			11055

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION the business relationship between the service providers and the business entity associated with the digital **storage** device which stores the **digital images**, as provided, for example, in the directory depicted in Fig. 5.

For example, Fig. 6A...business entity associated with the order terminal, and the service provider associated with the digital **storage** device which stores the **digital images**. For example, the **price** for locally printing images stored on Picture CD 191 can be different than the **price** for locally printing images stored on Picture CD 193, since there can be different business...

10/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01549382

**System, method and software product for allowing a consumer to order image products over a communication network from a plurality of different providers**

**System, Verfahren und Computerprogramm um einen Verbraucher zu erlauben, Bildprodukte über ein Kommunikationsnetz von einer Mehrzahl unterschiedlicher Lieferanten zu bestellen**

**Systeme, methode et logiciel pour permettre au consommateur de commander, au moyen d'un reseau de communication, des produits de type image d'une pluralite de fournisseurs de services**

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York  
14650, (US), (Applicant designated States: all)

INVENTOR:

Chauvin, Lou, Patent Legal Staff, Eastman Kodak Company, 343 State Street  
, Rochester, New York 14650-2201, (US)  
Bussey, Howard E, Patent Legal Staff, Eastman Kodak Company, 343 State  
Street, Rochester, New York 14650-2201, (US)  
Gerskovich, Philip, Patent Legal Staff, Eastman Kodak Company, 343 State  
Street, Rochester, New York 14650-2201, (US)  
Cook, Mark S., Patent Legal Staff, Eastman Kodak Company, 343 State  
Street, Rochester, New York 14650-2201, (US)  
Dobbs, Christopher M., Patent Legal Staff, Eastman Kodak Company, 343  
State Street, Rochester, New York 14650-2201, (US)  
McIntyre, Dale F., Patent Legal Staff, Eastman Kodak Company, 343 State  
Street, Rochester, New York 14650-2201, (US)  
Berarducci, Thomas N., Patent Legal Staff, Eastman Kodak Company, 343  
State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,  
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)  
PATENT (CC, No, Kind, Date): EP 1288827 A1 030305 (Basic)  
APPLICATION (CC, No, Date): EP 2002255538 020807;  
PRIORITY (CC, No, Date): US 939369 010824; US 944549 010831  
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: **G06F-017/60**  
ABSTRACT WORD COUNT: 130

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200310	661
SPEC A	(English)	200310	7208
Total word count - document A			7869
Total word count - document B			0
Total word count - documents A + B			7869

INTERNATIONAL PATENT CLASS: **G06F-017/60**

...SPECIFICATION digital images such that the high resolution digital image  
file can be downloaded to the **kiosk** for printing by the **kiosk** or  
locally connected printing device. The user can then select a frame for  
the printed...

...the member provider which provides access to the high resolution digital  
image to assess a **fee** directly to the **kiosk** for **payment** by the user  
or the **kiosk** member provider/retailer who is also selling the picture  
frame.

In a third scenario, a...

...member provider 22 to permit him to resume taking pictures. The user  
interacting with a **kiosk** in a theme park operates software running on  
the **kiosk** to access the storage member provider 22 of his choice  
provided within system 10. Using a credit card, the user agrees to **pay**  
the **kiosk** operator a **fee** for transferring the digital image files  
from his digital camera to his preferred member provider 22 for **storing**  
**digital image** files. While the **digital image** files are

transferring, software running on the **kiosk** offers a promotional opportunity provided by promotion member provider 24 in system 10 to print...

...location serviced by another member provider. If the user takes advantage of the promotion, the **kiosk** member provider will waive or discount the upload **fee**. In alternate embodiment of this scenario, the promotion provider 26 could have previously provided a coupon to the user as a credit for the **kiosk** member provider to cover the upload **fee**. Thus, it should be obvious that a plurality of different member providers can be used...

...and/or services for immediate access, a second provider can be used for long term **storage** of **digital image** files, and a third provider can be used for providing goods and/or services at...

10/3,K/4 (Item 4 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01549379

**System, method and software product for ordering image products using images stored on a digital storage device from a plurality of order terminals**

**System, Verfahren und Softwareprodukt zur Bestellung von Bildprodukten unter Verwendung von digital gespeicherten Bildern von einer Vielzahl von Bestellterminals**

**Systeme, methode et logiciel pour commander des produits de type image au moyen d'images stockees sur un appareil de stockage numerique a partir de plusieurs terminaux de commande**

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Chauvin, Lou, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Bussey, Howard E., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Dobbs, Christopher M., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Parulski, Kenneth A., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Thompson, Timothy G., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Foster, John A., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Gotham, Pamela J., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Gerskovich, Philip, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Cook, Mark S., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

McIntyre, Dale F., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1288826 A1 030305 (Basic)

APPLICATION (CC, No, Date): EP 2002255510 020807;

PRIORITY (CC, No, Date): US 939369 010824; US 51340 020118  
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06F-017/60  
ABSTRACT WORD COUNT: 126  
NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200310	522
SPEC A	(English)	200310	10633
Total word count - document A			11155
Total word count - document B			0
Total word count - documents A + B			11155

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION the business relationship between the service providers and the business entity associated with the digital **storage** device which stores the **digital images**, as provided, for example, in the directory depicted in Fig. 5.

For example, Fig. 6A...business entity associated with the order terminal, and the service provider associated with the digital **storage** device which stores the **digital images**. For example, the **price** for locally printing images stored on Picture CD 191 can be different than the **price** for locally printing images stored on Picture CD 193, since there can be different business...

10/3,K/5 (Item 5 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2003 European Patent Office. All rts. reserv.

01549378

System, method and software product for ordering image products over a communication network from a plurality of different providers having various business relationships, using images stored on a digital storage device

System, Verfahren und Computerprogramm für die Bestellung von Bildprodukten über ein Kommunikationsnetz von einer Mehrzahl unterschiedlicher Lieferanten, die verschiedene Geschäftsbeziehungen haben, unter Verwendung von Bildern, die auf einer Digitalspeichervorrichtung gespeichert sind

Systeme, methode et logiciel pour commander, au moyen d'un reseau de communication, des produits de type image d'une pluralite de fournisseurs de services ayant differentes relations commerciales, en utilisant des images stockees sur un appareil de stockage numerique

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

INVENTOR:

Chauvin, Lou, c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Bussey, Howard E., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Dobbs, Christopher M., c/o Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Parulski, Kenneth A., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Thompson, Timothy G., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Foster, John A., c/o Eastman Kodak Company, 343 State Street, Rochester,  
New York 14650-2201, (US)  
Gotham, Pamela J., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Gerskovich, Philip, c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)  
Cook, Mark S., c/o Eastman Kodak Company, 343 State Street, Rochester,  
New York 14650-2201, (US)  
McIntyre, Dale F., c/o Eastman Kodak Company, 343 State Street,  
Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,  
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)  
PATENT (CC, No, Kind, Date): EP 1288825 A1 030305 (Basic)  
APPLICATION (CC, No, Date): EP 2002255509 020807;  
PRIORITY (CC, No, Date): US 939369 010824; US 50979 020118  
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
IE; IT; LI; LU; MC; NL; PT; SE; SK; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06F-017/60  
ABSTRACT WORD COUNT: 101

NOTE:

Figure number on first page: 2

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200310	452
SPEC A	(English)	200310	10585
Total word count - document A			11037
Total word count - document B			0
Total word count - documents A + B			11037

INTERNATIONAL PATENT CLASS: G06F-017/60

...SPECIFICATION the business relationship between the service providers and the business entity associated with the digital **storage** device which stores the **digital images**, as provided, for example, in the directory depicted in Fig. 5.

For example, Fig. 6A...business entity associated with the order terminal, and the service provider associated with the digital **storage** device which stores the **digital images**. For example, the **price** for locally printing images stored on Picture CD 191 can be different than the **price** for locally printing images stored on Picture CD 193, since there can be different business...

10/3,K/6 (Item 1 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00829942 \*\*Image available\*\*

KIOSK APPARATUS AND METHOD FOR GATHERING OF AND TRANSMITTING IMAGE DATA  
KIOSQUE ET PROCEDE DE COLLECTE ET DE TRANSMISSION DE DONNEES

Patent Applicant/Assignee:

WOWPOST COM INC, 336 West 71st Street 1R, New York, NY 10023, US, US

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Center, 255 East Fifth Street, Cincinnati, OH 45202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200163518 A2-A3 20010830 (WO 0163518)

Application: WO 2001US40161 20010223 (PCT/WO US0140161)

Priority Application: US 2000512579 20000224

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10096

Main International Patent Class: **G06F-017/60**

Fulltext Availability:

Detailed Description

Detailed Description

... issue of the PCT Gazette.

Published.

- without international search report and to be republished  
upon receipt of that report

**KIOSK APPARATUS AND METHOD FOR GATHERING AND  
TRANSMITTING DATA**

Michael L. Bidun

TECHNICAL FIELD

This invention relates generally to data transmission, and more particularly to a multimedia **kiosk** vending device for obtaining a **digital photo**, video **image** or audio **digital** and **uploading** the information for simultaneous transmission to a remote location or for storage on a remote...unit containing digital photos can be removed from a digital camera and the data therein **uploaded** to the **kiosk** apparatus. If the **digital photo** or file **upload** option is selected, the **payment** screen appears as shown by block 502.

After payment, the **digital photo** or file **upload** screen appears as shown by block 452 in FIGS. 7 and I 1. The medium may then be inserted into the **kiosk**, indicated by block 454, for uploading data from the medium to the **kiosk**.

Once the files are read, an address and add message screen appears, indicated by block...

Set	Items	Description
S1	38024	(DIGITAL OR ELECTRONIC?) (5N) (IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? OR PHOTOGRAPH?)
S2	1128	S1(10N) (UPLOAD? OR DOWNLOAD? OR HOST? OR STORING OR STORAGE?)
S3	13	S2(20N) (POS OR POINT(1W) SALE OR PAYPHONE? OR PAY() PHONE? OR KIOSK? OR TERMINAL? ? OR CHECKOUT? OR CHECK()OUT?)
S4	198	S2 AND (FEE OR FEES OR COST? OR PRICE OR CHARG?)
S5	3	S4 AND (POS OR POINT(1W) SALE OR PAYPHONE? OR PAY() PHONE? OR KIOSK? OR TERMINAL? ? OR CHECKOUT? OR CHECK()OUT?)
S6	12	(S3 OR S5) NOT PY>2001
S7	12	RD (unique items)

? show file

File 2:INSPEC 1969-2003/Sep W4  
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File 35:Dissertation Abs Online 1861-2003/Sep  
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File 65:Inside Conferences 1993-2003/Oct W1  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2003/Aug  
(c) 2003 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2003/Jul  
(c) 2003, EBSCO Pub.

File 474:New York Times Abs 1969-2003/Oct 08  
(c) 2003 The New York Times

File 475:Wall Street Journal Abs 1973-2003/Oct 08  
(c) 2003 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 The Gale Group

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Sep  
(c)2003 Info.Sources Inc

4/11

7/5/1 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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02847129 INSPEC Abstract Number: C87017760, D87001128

**Title: How to stem the flood of paper (image processing)**

Author(s): Smith, S.M.

Journal: Government Data Systems vol.15, no.6 p.48-9

Publication Date: Nov.-Dec. 1986 Country of Publication: USA

CODEN: GVDSBD ISSN: 0046-6212

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: Most state and local government agencies face a growing problem-the increasing volume of paper that must be processed, filed, stored and retrieved. Traditionally, micrographics systems have addressed the storage problem. However, they fail to properly address the issue of timely access. Image processing, a new solution retains the storage and integrity advantages of micrographics while improving overall productivity and file accessibility. The advantages of image processing systems are numerous, and can offer great promise for the future of today's paper-dependent government environment. **Image** processing systems **electronically** store uncoded document **images** on compact **storage** media and deliver them over a communications network to high-resolution **terminals** and printers. An image processing system is designed primarily to automate the process of storing and retrieving documents in image form. For image processing systems, the main economic goals are to reduce document storage and maintenance **costs** and to improve productivity. (0 Refs)

Subfile: C D

Descriptors: computerised picture processing; public administration; records management

Identifiers: paper; image processing; timely access; productivity; file accessibility; uncoded document images; compact storage media; communications network; high-resolution **terminals** ; printers; document storage; maintenance **costs**

Class Codes: C5260 (Digital signal processing); C7100 (Business and administration); D2080 (Information services and database systems); D2120 (Public administration and law); D3000 (General systems and equipment); D3045 (Records management systems)

7/5/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02678975 INSPEC Abstract Number: A86068199, B86037162, C86031596

**Title: A proposal for an efficient aerophotographs processing system**

Author(s): Bourbakis, N.G.

Author Affiliation: Dept. of Comput. Eng., Patras Univ., Greece

Conference Title: Digital Techniques in Simulation, Communication and Control. Proceedings of the IMACS European Meeting p.183-6

Editor(s): Tzafestas, S.G.

Publisher: North-Holland, Amsterdam, Netherlands

Publication Date: 1985 Country of Publication: Netherlands x+556 pp.

ISBN: 0 444 87695 2

Conference Date: 9-12 July 1984 Conference Location: Patras, Greece

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: This paper discusses the hardware-software development of an efficient aerophotographs processing system (APS). The APS has the ability



to speed up the process of a number of aerophotographs at the same time. The processes applied at the aerophotographs are; input, storing, reduction, recognition, etc. The APS system consists of an optical scanning system (i.e. vidicon tube) which accepts the original photography, an A/D converter which produces the **digital** version of the **photography** elements, a **host** computer in which the main processes take place, and a **terminal** from which the user communicates with the host computer to choose or affect the picture processing. The whole picture processing is protected by a proper software security package. (16 Refs)

Subfile: A B C

Descriptors: computerised picture processing; photography

Identifiers: hardware development; software development; aerophotographs processing system; optical scanning system; vidicon tube; A/D converter; host computer; software security package

Class Codes: A0768 (Photography, photographic instruments and techniques); B6140C (Optical information processing); C7410F (Communications)

**7/5/3 (Item 3 from file: 2)**

DIALOG(R) File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

02566095 INSPEC Abstract Number: C86005235

**Title: Storage media and interfaces to textual and non-textual data**

Author(s): Hendley, T.

Conference Title: Text Retrieval in Context. Proceedings of the Institute of Information Scientists 1984 Conference p.108-18

Editor(s): Kimberley, R.; Hamilton, C.D.; Smith, C.H.

Publisher: Taylor Graham, London, UK

Publication Date: 1985 Country of Publication: UK 154 pp.

ISBN: 0 947568 04 2

Conference Sponsor: Inst. Inf. Sci

Conference Date: 14-15 Nov. 1984 Conference Location: London, UK

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Describes the main limitations of existing systems for storing both textual and non-textual data. Then examines a number of options for developing a system which will combine computerized text retrieval with a number of other possibilities, such as: facilities for the fast capture of textual/non-textual documents for centralised **storage**; for **electronic** transmission of document **images** to large numbers of remote **terminals**; and for accessing both textual (i.e. indexing) data and digitised document images on the same high-resolution screen. (0 Refs)

Subfile: C

Descriptors: information retrieval; information storage; office automation

Identifiers: textual data accessing; storage media; paper documents; microform images; nontextual data capture; electronic document storage systems; computerized text retrieval; electronic transmission; document images

Class Codes: C7104 (Office automation); C7250 (Information storage and retrieval)

**7/5/4 (Item 4 from file: 2)**

DIALOG(R) File 2:INSPEC

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02427728 INSPEC Abstract Number: B85025403, C85020882

**Title: Digital videotex system**

Author(s): Mochizuki, T.; Hanabe, K.; Ueda, T.  
Author Affiliation: Electr. Commun. Labs., NTT Public Corp., Yokosuka, Japan

Journal: Review of the Electrical Communication Laboratories vol.32, no.6 p.1044-50

Publication Date: Nov. 1984 Country of Publication: Japan

CODEN: RELTAN ISSN: 0029-067X

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: Discusses Japan's commercial videotex service called Captain. An experimental advanced videotex service will be provided for the INS model system, which offers commercial videotex database access and a newly developed mailbox service. The digital videotex system comprises digital graphic **terminals**, a circuit-switched **digital** communication network, **picture storage** and conversion equipment (PSTOC), videotex information centers, etc. An overview of the Captain digital videotex system is given. (10 Refs)

Subfile: B C

Descriptors: digital communication systems; information services; ISDN; viewdata

Identifiers: digital videotex system; Captain; videotex database; Japan; picture storage equipment; picture conversion equipment; INS model system; mailbox service; digital graphic terminals; circuit-switched digital communication network; videotex information centers

Class Codes: B6210K (Viewdata and teletext); C7210 (Information services and centres)

**7/5/5 (Item 5 from file: 2)**

DIALOG(R)File 2:INSPEC

(c) 2003 Institution of Electrical Engineers. All rts. reserv.

01708998 INSPEC Abstract Number: B81033764

**Title: STOC facsimile signal conversion equipment in FICS-1 system**

Author(s): Nakatani, Y.; Adachi, T.; Asano, M.

Journal: Electrical Communication Laboratories Technical Journal vol.30, no.1 p.75-88

Publication Date: 1981 Country of Publication: Japan

CODEN: TJECAS ISSN: 0415-3200

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: STOC facsimile signal conversion equipment has the following functions: to receive/transmit facsimile signals from/to MF 1 facsimile **terminals**; to translate AM-PM-VSB analog facsimile signals into coded digital signals and vice versa; and to transfer coded **digital** signals to/from **picture data storage** equipment. This paper describes techniques and structures to realize those characteristic functions economically and reliably. (9 Refs)

Subfile: B

Descriptors: analogue-digital conversion; digital-analogue conversion; facsimile

Identifiers: STOC facsimile signal conversion equipment; FICS-1 system

Class Codes: B6210H (Facsimile transmission)

**7/5/6 (Item 6 from file: 2)**

DIALOG(R)File 2:INSPEC

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01604842 INSPEC Abstract Number: C80036467

**Title: Database for territorial data**

Author(s): Greco, F.

Author Affiliation: IBM Centro Sci., Pisa, Italy

Conference Title: AICA '79 Conference Part III p.237-40

Publisher: Associazione Italiana Calcolo Automatico, Bari, Italy

Publication Date: 1979 Country of Publication: Italy 255 pp.

Conference Date: 10-13 Oct. 1979 Conference Location: Bari, Italy

Language: Italian Document Type: Conference Paper (PA)

Treatment: Applications (A)

Abstract: Applications of regional planning and management are briefly analyzed in order to point out the needed data processing equipments and methods. The data processing tools to be used in such applications are usually **digital image** processing, array processors, auxiliary **storage**, **terminals** and languages for image processing and graphics. (4 Refs)

Subfile: C

Descriptors: computerised picture processing; database management systems; town and country planning

Identifiers: territorial data; data processing; digital image processing; array processor

Class Codes: C5260 (Digital signal processing); C7130 (Public administration); C7890 (Other special applications)

**7/5/7 (Item 7 from file: 2)**

DIALOG(R)File 2:INSPEC

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00019487 INSPEC Abstract Number: B69005448, C69003212

**Title: Low cost terminals using television techniques-a design study**

Author(s): Macaulay, M.

Journal: Proceedings of the Institution of Radio and Electronics Engineers, Australia vol.29, no.9 p.307-12

Publication Date: Sept. 1968 Country of Publication: Australia

CODEN: PRAUA6

Language: English Document Type: Journal Paper (JP)

Abstract: The need for multi-purpose input/output **terminals** for computer utility use is well recognised. Because of the high **costs** involved, no general computing utilities have been assembled and operated. The Intergraphic computer of the University of New South Wales is designed to provide an economical means for the communication of digital and graphical data in multiple console systems. Commercial television equipment is the obvious choice for low- **cost** graphic data **terminals**. Experiments have been performed that establish the functional utility of television receivers for general graphic data readout display and light pen data entry. A network of thirteen television **terminals** including both **digital** logic and television **image storage** is expected to **cost** less than \$30000. The attributes of a television computer utility **terminal** for future public use are described.

Subfile: B C

Descriptors: computer graphic equipment; light pens; television; television applications

Class Codes: B6430J (Applications of television systems); C5540 (Terminals and graphic displays)

**7/5/8 (Item 1 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09378724

The prints of digital photography

US: DIGITAL PRINT STATION FROM PIXEL MAGIC  
Fortune International (FI) 18 Sep 2000 p.124  
Language: ENGLISH

Online phone services company Pixel Magic Imaging has launched the Digital Print Station, a **kiosk** where a **digital** camera user can **upload pictures** and gain prints of a quality equal to that of standard film. Pixel Magic is linking up with chemists online and its Internet arm myphotlab.com has devised branded Websites free of **charge** for 420 chemists outlets to date. Pixel Magic **kiosks** **cost** US\$ 19,000 and generate around US\$ 6,000 a year in related products such as printing paper. Pixel Magic predicts its sales will reach US\$32mn in 2000 and US\$ 100mn in 2001.

COMPANY: PIXEL MAGIC

EVENT: Product Design & Development (33); Company Reports & Accounts (83);

COUNTRY: United States (1USA);

**7/5/9 (Item 2 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)  
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09266073

Kaga Electronics to enter circuit board business

JAPAN: KAGA ELECTRONICS INTO CIRCUIT BOARD FIELD

Nikkei Net Interactive (ATM) 31 Mar 2000 NikkeiIndustrial Daily Online  
Language: ENGLISH

On 1 April 2000, Japan's major trading house that trades electronic goods, Kaga Electronics Co, will venture into electronic circuit board business. The trading house will debut motherboards equipped with audio-visual data playback function for use in set-top boxes. Each motherboard is incorporated with a microprocessor, memory card, DRAM chip and other devices, and will function as a computer. By using these custom-made motherboards, Kaga Electronics will partner DreamArts Corp, a software developer, in the setting up of **terminals** for editing and **storing digital** camera **images**, and Internet **terminals**. Besides the said motherboards, Kaga Electronics will also be introducing boards with application specific integrated circuits. \*

COMPANY: DREAMARTS; KAGA ELECTRONICS

PRODUCT: Integrated Circuits (3674IT); Printed Circuit Boards (3679PC);  
Consumer Electronics (3650);

EVENT: Planning & Information (22); Capital Expenditure (43);

COUNTRY: Japan (9JPN);

**7/5/10 (Item 3 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)  
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03498200

IDL AND NIXDORF MARKET JOINT PRODUCT

UK/France - IDL AND NIXDORF MARKET JOINT PRODUCT

Memoires Optiques (MO) 0 April 1990 p18

ISSN: 0990-7939

Language: French

Integrated Documatics (IDL) (UK) and Nixdorf Computer (France) are jointly offering a PC-based electronic document management system. The system uses ImSoft SQL-based software running on Nixdorf computers. ImSoft is suitable for stand-alone or locally networked electronic **storage terminals**, supports Xionix and Kofax **digital image** management cards, and can be used with WORM optical disk units. Optical character recognition software, external communications facilities and emulation facilities for connection to a central computer are also provided.

PRODUCT: Microcomputers (3573MI); Optical Storage (36790P);  
EVENT: PRODUCTS, PROCESSES & SERVICES (30);  
COUNTRY: France (4FRA); United Kingdom (4UK); Northern Europe (414); OECD  
Europe (415); European Economic Community Countries (419); NATO  
Countries (420); South East Asia Treaty Organisation (913);

7/5/11 (Item 1 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00126924 DOCUMENT TYPE: Review

PRODUCT NAMES: FotoZap Internet Photo Station (026549)

TITLE: FotoZap combines instant photos with e-commerce  
AUTHOR: Rosenthal, Marshal M  
SOURCE: eCOMMERCE BUSINESS, v1 n11 p28(1) Sep 11, 2000  
ISSN: 1529-0077  
HOMEPAGE: <http://www.ecommercebusinessdaily.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Photerra's FotoZap Internet Photo Station, a unique system that captures **digital** images and lets the consumer **upload** them to the Internet from a public place, is a slick, clever **kiosk**-based photo station. Consumers send a photo online from a mall or other public setting for viewing by friends anywhere in the world. FotoZap makes the new photos part of an animated Web commercial shown from a newly created Web page where consumers and view and customize them, print and e-mail them to others, and create albums. According to Photerra's CEO Tim Hoyt, FotoZap offers various advantages for dot-coms, which can gain an immediate physical world branding benefit and e-commerce opportunities. Opportunities might be branding in the Webmercial in the booth, in the graphic border surrounding print and online photos, and in ad banners on the photo's resident Web site, where the Webmercial is also seen. Photerra provides customized photo stations and online photo-personalized marketing solutions to such clients as Ford, Tandy, and the Internet World Trade show so that these vendors can sponsor FotoZap features on their own Web sites.

COMPANY NAME: Photerra Inc (691461)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Image Processing; Internet Utilities; Photography; Recreation  
& Hobbies  
REVISION DATE: 20010228

7/5/12 (Item 2 from file: 256)

Bode Akintola09-Oct-03

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00075859 DOCUMENT TYPE: Review

**PRODUCT NAMES:** Telecommunications (830210)

**TITLE:** Communication Breakdown

**AUTHOR:** Magid, Lawrence

**SOURCE:** NetGuide, v2 n1 p77(2) Jan 1995

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Analysis

**GRADE:** Product Analysis, No Rating

Terminal emulators let your PC masquerade as a **terminal** . Once logged on, a PC communications program allows you to transfer freeware, shareware, **pictures** , sounds, or even **digital** movie clips between your machine and the **host** . Advanced communication packages contain more advanced features, and the following options are discussed: modem support, **terminal** emulation, transfer protocols, scripts, remote access, and graphics viewers. Users are also advised to choose a program from a vendor that offers toll-free phone support and maintains a dial-up bulletin board on one of the online services.

**COMPANY NAME:** Vendor Independent (999999)

**DESCRIPTORS:** File Transfer; Telecommunications; Terminal Emulators

**REVISION DATE:** 19950730

Set	Items	Descript
S1	2402474	DIGITAL OR ELECTRONIC?
S2	1604235	IMAGE? ? OR PICTURE? OR PICTORIAL OR PICTORAL OR PHOTO? ? - OR PHOTOGRAPH?
S3	844246	POS OR POINT(1W)SALE OR PAYPHONE? OR PAY()PHONE? OR KIOSK? OR TERMINAL? ? OR CHECKOUT? OR CHECK()OUT?
S4	34648	RECEIPT? OR INVOICE?
S5	1213437	UPLOAD? OR DOWNLOAD? OR HOST? OR STORING OR STORAGE?
S6	1467258	FEE OR FEES OR COST? OR PRICE OR CHARG?
S7	80247	BILL? OR PAYMENT? OR PAYING OR PAID OR PAY? ?
S8	75698	S2(10N)S5
S9	581	S8 AND S3 AND S6
S10	93	S9 AND IC=G06F-017/60
S11	29	S10 AND S1
S12	31	S10 AND (INTERNET OR WEB?)
S13	17	S12 NOT S11

?show file

File 344:Chinese Patents Abs Aug 1985-2003/Apr

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File 347:JAPIO Oct 1976-2003/Jun(Updated 031006)

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File 350:Derwent WPIX 1963-2003/UD,UM &UP=200364

(c) 2003 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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11/5/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07593869 \*\*Image available\*\*  
DIGITAL CAMERA, CUSTOMER AUTHENTICATION COMMUNICATION TERMINAL , AND  
ENCRYPTION SERVICE SYSTEM

PUB. NO.: 2003-087713 [JP 2003087713 A]  
PUBLISHED: March 20, 2003 (20030320)  
INVENTOR(s): AZUMA MOTOO  
APPLICANT(s): OLYMPUS OPTICAL CO LTD  
APPL. NO.: 2001-270659 [JP 20011270659]  
FILED: September 06, 2001 (20010906)  
INTL CLASS: H04N-005/91; G06F-017/30; G06F-017/60 ; H04N-005/225;  
H04N-005/907; H04N-007/167; H04L-009/10

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a digital camera and a customer authentication communication terminal suitable also for application to a rental system for generating an encrypted image signal and to provide a service system for surely imposing charging onto users depending on a use quantity of rented or sold digital cameras.

SOLUTION: The digital camera is provided with: a photoelectric conversion means 10 for applying photoelectric conversion to a field image to provide an output of a first image signal; a first processing means 11 for applying first signal processing to the image signal and outputting a second image signal; an encryption means 12 for encrypting the second image signal to output a third image signal; a second processing means 13 for applying second signal processing to the second image signal to output a fourth image signal, a first storage means 14 for storing customer ID information, an encryption key, and the third image signal; and a second storage means 14 for storing the fourth image signal.

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11/5/2 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07584967 \*\*Image available\*\*  
SYSTEM AND METHOD FOR ALLOWING IMAGE PHOTOGRAPHING , PHOTOGRAPHING  
CHARGE MANAGEMENT DEVICE, COMMUNICATION REPEATER, INFORMATION TERMINAL  
AND STORAGE MEDIUM

PUB. NO.: 2003-078810 [JP 2003078810 A]  
PUBLISHED: March 14, 2003 (20030314)  
INVENTOR(s): YAMURA HIROSHI  
APPLICANT(s): CANON INC  
APPL. NO.: 2001-266187 [JP 20011266187]  
FILED: September 03, 2001 (20010903)  
INTL CLASS: H04N-005/232; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an image photographing allowing system capable of providing a digital image photographing allowing system that can perform photographing operation control and photographing charging of a digital image by using an unspecified photographing means at a particular place, a photographing charge management device, a communication repeater, an information terminal , an image photographing allowing method and a storage medium.

SOLUTION: A charging center 3 registers charge of an information terminal 1 in a prescribed facility for photographing when the information terminal 1 is made to enter the prescribed facility, also



distributes an object of **charging** information to the information **terminal** 1, transmitting a radio search request from a cell station 2, thereby detects the information **terminal** 1 in the prescribed facility, allows an information **terminal** that has made **charging** registration to perform photographing and restricts an information **terminal** that has not made **charging** registration with respect to photographing.

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11/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07542464 \*\*Image available\*\*  
GLOBAL NETWORK INTERPRETING SERVICE-PROVIDING SYSTEM

PUB. NO.: 2003-036304 [JP 2003036304 A]  
PUBLISHED: February 07, 2003 (20030207)  
INVENTOR(s): KIYOTA YUKIFUSA  
SAWAO AKIO  
IMAMURA KOICHI  
APPLICANT(s): KIYOTA YUKIFUSA  
SAWAO AKIO  
IMAMURA KOICHI  
APPL. NO.: 2001-222857 [JP 20011222857]  
FILED: July 24, 2001 (20010724)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a multilingual-interpreting service which is available at any time, at any place and to any one at a reasonable **price**, which is lower than usual ones, and used instantly and for a required period of time, and also provide in many are as of the world a multilingual-interpreting service of low **price** using cellular phones, personal **digital** assistants and other communication **terminals** which all receive and send voice only or the voice and **images** via the Internet.

SOLUTION: A **host** computer connected with a wire and/or wireless communication network allocates and calls one or more staff interpreters from waiting staff interpreters under the conditions that they can be called through the communication network when a request for interpretation is made through the communication network and automatically connects the communication line of a interpretation-requesting person with the communication line of the staff interpreter. The allocation is made based on a high priority to priority-allocated data on the number of combinations of the items comprising the presence or absence of the designation of the first interpretation language, the second interpretation language, a special field, the level of interpretation and the need of an urgent interpretation.

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11/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07281689 \*\*Image available\*\*  
SYSTEM AND METHOD FOR SUPPLYING PAPER SAMPLE

PUB. NO.: 2002-150155 [JP 2002150155 A]  
PUBLISHED: May 24, 2002 (20020524)  
INVENTOR(s): KAI SHOJI  
APPLICANT(s): KOKUSAI KAMI PULP SHOJI KK  
APPL. NO.: 2000-343000 [JP 2000343000]

FILED: November 10, 2000 (20001110)  
INTL CLASS: G06F-017/60 ; G06F-019/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To construct a paper sample supply system and a supply method capable of providing an order paper sample from an user accessing a sample site on the Internet as a part of electronic commercial transactions, and capable of realizing a charging system for making the paper sample supply system onerous in expectation of the remarkable reduction of the transaction cost .

SOLUTION: The centralized management of the electronic commercial transaction including a method from the receiving of an order of the paper sample designated from a user accessing a sample site of a server terminal 1 to the delivery, and further to the settlement of accounts, is executed. The server terminal 1 is composed of a display part 15 formed by a monitor image plane, a sample file storing part 16, an order information file forming part 17, an order slip forming part 18 and a database forming part 19. The centralized management of the sample distributing configuration from the receiving of the order of the paper sample on the basis of the 'order information file' prepared for every order, to the delivery, and further to the settlement of accounts, is executed by inputting the order menu information, the personal information or the like to the order paper sample from the user.

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11/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07173294 \*\*Image available\*\*  
DIGITAL PICTURE STORING SYSTEM AND PICTURE SERVER

PUB. NO.: 2002-041680 [JP 2002041680 A]  
PUBLISHED: February 08, 2002 (20020208)  
INVENTOR(s): TAKANO KAZUSHIGE  
HARA YOSHIHIRO  
DEYAMA HIROYUKI  
FUJII IWAO  
FUJINO TSUTOMU  
TOOYAMA DAISETSU  
APPLICANT(s): MINOLTA CO LTD  
APPL. NO.: 2000-226600 [JP 2000226600]  
FILED: July 27, 2000 (20000727)  
INTL CLASS: G06F-017/60 ; H04N-005/78; H04N-005/91

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a digital picture storing system which enables a contractor to easily grasp the use situation of a digital picture storing area allocated to a picture storage part 110 at any time in the digital picture storing system where a photo center 100 for storing a digital picture is connected to terminal equipment through the Internet 900 and to provide a picture server.

SOLUTION: When the number of newly stored pictures in the picture storage part 110 and the number of deleted pictures are managed for the respective contractors and the request of the contractor which requests the output of information on a managed content is received through terminal equipment, the managed content, the information on the number of stored pictures and a charging amount are outputted, for example.

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11/5/6 (Item 6 from e: 347)  
DIALOG(R)File 347:JAPIO  
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07156206 \*\*Image available\*\*

METHOD FOR DISPLAYING ADVERTISEMENT IMAGE OF LINK SITE ACCORDING TO  
ELECTRONIC COMMERCIAL TRANSACTION CONTRIBUTION LEVEL TO HOST SITE RUNNING  
LINK SITE GROUP ON INFORMATION COMMUNICATION NETWORK AND SYSTEM FOR THE  
SAME AND METHOD FOR CONTROLLING CUSTOMER REGISTRATION OF LINK SITE IN  
SYSTEM RUNNING ELECTRONIC MALL RUNNING SITE AND SYSTEM FOR THE SAME

PUB. NO.: 2002-024587 [JP 2002024587 A]  
PUBLISHED: January 25, 2002 (20020125)  
INVENTOR(s): DAIMATSU SHIGENAO  
APPLICANT(s): DAIMATSU SHIGENAO  
APPL. NO.: 2000-209947 [JP 2000209947]  
FILED: July 11, 2000 (20000711)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and system for allowing a running site side which hosts a link site group to control each link site, and to maintain the link site group matched with the running policy of the host site.

SOLUTION: In a method for displaying the advertisement pictures of a link site in a system running a host site for providing a service to be charged such as merchandise buying and selling by providing a server computer connected to an information communication network, and mutually setting links to many link sites, when it is detected that a user terminal performs access through a Web page (a picture 1) of the link site to the host site, the Web page display information of the host site is transmitted to the user terminal, and an input operation to apply for the service to be charged by the user on Web pages (pictures 2 and 3) of the host site displayed on the display screen of the user terminal is detected, and the contribution level of the link site is evaluated according to a prescribed method based on the detected input operation, and pictures advertising the link site are published in a Web page (a picture 4) of the host site in the configuration corresponding to the evaluated contribution level.

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11/5/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07146840 \*\*Image available\*\*

METHOD AND SYSTEM FOR PROVIDING ARTICLE INTRODUCTION SERVICE AND  
ELECTRONIC MALL SYSTEM CAPABLE OF INTRODUCING ARTICLE TO SOMEONE ELSE

PUB. NO.: 2002-015219 [JP 2002015219 A]  
PUBLISHED: January 18, 2002 (20020118)  
INVENTOR(s): YOSHIHARA YUMIKO  
APPLICANT(s): YAFOO JAPAN CORP  
APPL. NO.: 2000-198634 [JP 2000198634]  
FILED: June 30, 2000 (20000630)  
INTL CLASS: G06F-017/60 ; G06F-013/00; G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To actualize new advertisement business which enables a user to obtain an advertisement charge corresponding to a distribution history through article introduction service enabling the user to introduce an article to someone else when article information is distributed to the introduced person.

SOLUTION: At a request to introduce an article from a user terminal 16 (S104), an introduction input form picture is sent to a user terminal 16B (S106) and an article introduction picture is generated according to its entry items (S110). After the user is made to confirm the article introduction picture, this article introduction picture is recorded on an external storage device 12, a unique URL is allocated (S116), and electronic mail including the URL is sent to the user terminal 16B of the introduced person (S118). When the URL in this electronic mail is clicked, the article introduction picture is sent to the user terminal 16B (S122) and the transmission is recorded in a transmission record book (S124). Transmission frequencies by article sellers are totalized (S126) by referring to the transmission record book and advertisement charges corresponding to the transmission frequencies are asked for (S130).

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11/5/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07139187 \*\*Image available\*\*  
DIGITAL PHOTOGRAPH SYSTEM

PUB. NO.: 2002-007559 [JP 2002007559 A]  
PUBLISHED: January 11, 2002 (20020111)  
INVENTOR(s): MATSUURA SATOSHI  
KUTSUMI HIROSHI  
OZAWA JUN  
NOGUCHI EIJI  
MARUNO SUSUMU  
APPLICANT(s): MATSUSHITA ELECTRIC IND CO LTD  
APPL. NO.: 2001-112649 [JP 20011112649]  
FILED: April 11, 2001 (20010411)  
PRIORITY: 2000-114863 [JP 2000114863], JP (Japan), April 17, 2000  
(20000417)  
INTL CLASS: G06F-017/60 ; G06T-001/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a digital photograph system which lowers a print unit price by using a network.

SOLUTION: When pictures are taken by a digital camera 1 and a connection with a terminal 2 is made after the photography to print desired photographs on the spot, an advertisement of an advertisement server 3 is printed at the lower parts of the photographs and then the burden on the user is relieved by advertisement rates. After the photographs are printed, the digital camera 1 is collected to the terminal 2. Further, the taken pictures are temporarily uploaded to the Web by using a photograph server 5 and then the user can download the images to his or her own personal computer afterward.

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11/5/9 (Item 9 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07084845 \*\*Image available\*\*  
INFORMATION RETRIEVING METHOD FOR USED ARTICLE AND METHOD AND SYSTEM FOR RETRIEVING INFORMATION ON USED CAR

PUB. NO.: 2001-312493 [JP 2001312493 A]  
PUBLISHED: November 09, 2001 (20011109)  
INVENTOR(s): NISHIGORI SOICHI  
APPLICANT(s): NISHIGORI SOICHI

APPL. NO.: 2000-129031 [JP 2000129031]  
FILED: April 28, 2000 (20000428)  
INTL CLASS: G06F-017/30; G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To retrieve article information which varies in article value, stock information, etc., day by day in real time.

SOLUTION: A user accesses a host server 2 from a terminal 5 through a network NT to display a homepage, and inputs and transmit retrieval information consisting of retrieval conditions of a desired used car and personal information from a retrieval picture. The host server 2 extracts stores within a range (area) where the user can actually confirm the article according to the inputted retrieval information and the retrieval conditions that the user inputted are displayed on terminals 4 of those stores. A store checks its stock meeting the conditions displayed on the terminal 4, and inputs information on the price, travel distance, state, etc., of a car in stock from the terminal 4 and transmits the information to the host server 2 when the car is put in stock. The host server 2 totalizes and unifies electronic mail sent back from stores within a certain period and sends them to the user.

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11/5/10 (Item 10 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06024773 \*\*Image available\*\*  
GUIDANCE DISPLAY SYSTEM

PUB. NO.: 10-307873 [JP 10307873 A]  
PUBLISHED: November 17, 1998 (19981117)  
INVENTOR(s): FURUTSU EIJI  
APPLICANT(s): FUJITSU GENERAL LTD [000661] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-118969 [JP 97118969]  
FILED: May 09, 1997 (19970509)  
INTL CLASS: [6] G06F-017/60 ; G09G-003/20  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 44.9 (COMMUNICATION -- Other)  
JAPIO KEYWORD: R004 (PLASMA); R116 (ELECTRONIC MATERIALS -- Light Emitting Diodes, LED); R139 (INFORMATION PROCESSING -- Word Processors)

ABSTRACT

PROBLEM TO BE SOLVED: To reduce a cost by automatically displaying a guidance sign based on the information of a data base.

SOLUTION: A management device side displays a document generated and edited by an editing part 5 at a display part 1 through an image processing part 6 corresponding to instruction input from an operation input part 3. Also, when corresponding data are inputted from the operation input part 3 by the method of answering for the respective items of an input format displayed at the display part 1, the editing part 5 edits the various documents based on the inputted data, the documents are stored in a storage part 4 and generated required document images are displayed at the display part through the image processing part 6. Further, corresponding to the instruction input from the operation input part 3, the required document is transmitted through a transmission part 2. On the other hand, a terminal equipment side generates the document images in a first image processing part 16 based on the document received through a first reception part 12 and displays the document images at a first display part 11 through a first control part 19. Also, plural terminal equipments are connected.

11/5/11 (Item 11 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05971849 \*\*Image available\*\*  
AUTOMATIC UNMANNED CONTRACT RECEPTION SYSTEM

PUB. NO.: 10-254949 [JP 10254949 A]  
PUBLISHED: September 25, 1998 (19980925)  
INVENTOR(s): MOGI MASATOSHI  
APPLICANT(s): OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 09-056434 [JP 9756434]  
FILED: March 11, 1997 (19970311)  
INTL CLASS: [6] G06F-017/60  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 36.4 (LABOR SAVING DEVICES -- Service Automation)  
JAPIO KEYWORD: R098 ( ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD)

#### ABSTRACT

PROBLEM TO BE SOLVED: To shorten the waiting time of customer to operate an unmanned contract machine.

SOLUTION: On the side of unmanned contract machine 1, an image input device 3 acquires the image data of application form and various identification cards and stores them in a temporary storage part. First of all, only the image data of application form are transmitted through a WAN to the side of a center terminal 2. On the side of the center terminal 2, the received image data of application form are outputted from an output device 13. While receiving this output, an operator starts check processing. At the unmanned contract machine 1, on the other hand, when the image data of application form are completely transmitted, the image data of various identification cards except the application form are read out of the temporary storage device and successively transmitted to the center terminal 2 by the image input device 3. At the center terminal 2, the image data of media such as various identification cards except for the application form are successively received and outputted. Then, the operator proceeds the check processing while successively adding personal information except the application form.

11/5/12 (Item 12 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05808590 \*\*Image available\*\*  
ARTICLE PURCHASE SYSTEM

PUB. NO.: 10-091690 [JP 10091690 A]  
PUBLISHED: April 10, 1998 (19980410)  
INVENTOR(s): KUNIOKA YASUHIRO  
SAKATA HARUMITSU  
APPLICANT(s): NIPPON CHEMICON CORP [328741] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-267835 [JP 96267835]  
FILED: September 18, 1996 (19960918)  
INTL CLASS: [6] G06F-017/60 ; G07G-001/12  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 29.4 (PRECISION INSTRUMENTS -- Business Machines)  
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R098 ( ELECTRONIC MATERIALS -- Charge Transfer Elements, CCD & BBD); R107 (INFORMATION PROCESSING -- OCR & OMR Optical Readers)

#### ABSTRACT

PROBLEM TO BE SOLVED: To lighten the work load of a totalizing process when

an article is ordered by adding sales-time-limit data to a medium together with article data, matching sales-time-limit data on a selected article against the date and time indicated by a date and time memory means, and disabling an article whose sale period has expired to be ordered.

SOLUTION: An image pickup means 8 of a handy terminal 6 optically reads a data symbol 4 in the form of image data and converts it into an electric signal, and a storage processor 11 converts the signal into article data and stores it, and also performs data processing. Then a decision device 12 selects sales-time-limit information out of the article data, compares this sales-limit date and time information with the date and time that a timer 13 as a date and time memory means indicates once the information is selected, and displays information indicating that the sale period of the selected article has expired and the article can not be ordered on a display unit 9 through the storage processor 11 once deciding that the current date and time of the timer 13 already exceeds the sale period.

11/5/13 (Item 13 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05808546 \*\*Image available\*\*  
PICTURE INFORMATION RETRIEVAL SYSTEM

PUB. NO.: 10-091646 [JP 10091646 A]  
PUBLISHED: April 10, 1998 (19980410)  
INVENTOR(s): YOSHIZAWA HIROAKI  
APPLICANT(s): TAIDOU FUMIE [000000] (An Individual), JP (Japan)  
APPL. NO.: 08-265234 [JP 96265234]  
FILED: September 13, 1996 (19960913)  
INTL CLASS: [6] G06F-017/30; G06F-017/60  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications)  
JAPIO KEYWORD: R102 (APPLIED ELECTRONICS -- Video Disk Recorders, VDR

#### ABSTRACT

PROBLEM TO BE SOLVED: To unitarily manage stock information so that a trader or the like can present easily understandable information to general consumers or the like while allowing jewel space frames transferred and owned by many jewel space frame traders or the like to correspond to product prices based on bullion market prices.

SOLUTION: In the picture information retrieval system 1 consisting of a host computer 2 provided with an optical disk 27 for storing a picture information group for bullion and jewel space frames or the like and its important information group or the like and a terminal 3 connected to the host computer 2 through a communication line 4 and constituted so as to extract required picture information from the disk 27 and output the extracted information to a display 37, the host computer 2 calculates jewel space frame price information required for the extraction based on the bullion price value information and weight information of jewels recorded in a register 22 and displays the calculated result on the display 37.

11/5/14 (Item 14 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05359606 \*\*Image available\*\*  
DIGITAL CAMERA AND IMAGE DATA DISTRIBUTION SYSTEM

PUB. NO.: 08-315106 [JP 8315106 A]  
PUBLISHED: November 29, 1996 (19961129)  
INVENTOR(s): MURASE SHOICHI  
HAYASHI TAKEHISA  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP

(Japan)  
APPL. NO.: 07-114208 [JP 95114208]  
FILED: May 12, 1995 (19950512)  
INTL CLASS: [6] G06T-001/00; **G06F-017/60** ; H04N-005/225  
JAPIO CLASS: 45.9 (INFORMATION PROCESSING -- Other); 44.6 (COMMUNICATION  
-- Television); 45.4 (INFORMATION PROCESSING -- Computer  
Applications)  
JAPIO KEYWORD: R011 (LIQUID CRYSTALS); R098 ( **ELECTRONIC MATERIALS** --  
**Charge** Transfer Elements, CCD & BBD); R131 (INFORMATION  
PROCESSING -- Microcomputers & Microprocessors

#### ABSTRACT

PURPOSE: To provide a new **digital** camera which can guarantee the right of an image photographer justly and an image data distribution system which utilizes the camera, and further a **digital** camera which can easily input various information (photographer identification symbol, etc.) required for the **charged** distribution of image data.

CONSTITUTION: In the **digital** camera equipped with a means for **storing** encoded **image** data in a memory, the **storage** means includes a means for **storing** the **photographer** identification symbol in the data memory 21 together with the **image** data. This **storage** means is equipped with a means which identifies the **photographer** himself by using a previously stored specific identification symbol and the password corresponding to it and then sets the identification symbol as the photographer identification symbol. The image data distribution system includes an image data base where image data sent to a network are registered together with at least the photographer identification symbol and an account data base where the user of the information **terminal** and the deposit amount of the photographer are recorded.

11/5/15 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015589685 \*\*Image available\*\*  
WPI Acc No: 2003-651840/200362  
XRPX Acc No: N03-518786

**Image output system for print on demand print service system, charges customer and advertisement provider based on area ratio of advertisement with respect to trial printing original document and customer's trial printout count**

Patent Assignee: CANON KK (CANO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003223299	A	20030808	JP 200224610	A	20020131	200362 B

Priority Applications (No Type Date): JP 200224610 A 20020131

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003223299	A		16	G06F-003/12	

Abstract (Basic): JP 2003223299 A

NOVELTY - A print server (110) holds advertising data provided before hand by advertisement provider and a customer's trial printout count. The server combines and outputs the advertising data and trial printing original document during trial printing by a customer. The server **charges** the customer and advertisement provider based on area ratio of the advertisement data with respect to the document and the count.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) print server;
- (2) image output method;



(3) computer readable medium storing program for image output;  
and

(4) program for image output.

USE - For outputting images during printing documents at convenient store, print shop using image forming device e.g. printer, digital copier and facsimile having finishers performing book binding and stapling based on data or demand from a public telephone, mobile telephone, other portable communication terminal, personal computer in a house, the digital camera, and scanner through internet, intranet, public network in print on demand (POD) print service system.

ADVANTAGE - The burden on customer for charge for trial printing is reduced, by combining a advertisement data with trial printing original document, and making the advertisement provider to pay the charge.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic block diagram of the POD print service system.

scanner (106)  
personal computer (107)  
digital camera (109)  
print server (110)  
printer (112)  
pp; 16 DwgNo 1/15

Title Terms: IMAGE; OUTPUT; SYSTEM; PRINT; DEMAND; PRINT; SERVICE; SYSTEM;  
CHARGE ; CUSTOMER; ADVERTISE; BASED; AREA; RATIO; ADVERTISE; RESPECT;  
TRIAL; PRINT; ORIGINAL; DOCUMENT; CUSTOMER; TRIAL; COUNT  
Derwent Class: P75; S06; T01; T04; W02  
International Patent Class (Main): G06F-003/12  
International Patent Class (Additional): B41J-005/30; B41J-029/38;  
G06F-017/60 ; H04N-001/00  
File Segment: EPI; EngPI

11/5/16 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015550968 \*\*Image available\*\*  
WPI Acc No: 2003-613123/200358  
XRPX Acc No: N03-489240

Sales data registration apparatus for point-of-sales terminal in shop,  
registers charge to download data from point-of-sales terminal to  
memory cassette of electronic game machine, after completion of  
download process

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003228771	A	20030815	JP 200228363	A	20020205	200358 B

Priority Applications (No Type Date): JP 200228363 A 20020205

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003228771	A		14	G07G-001/12	

Abstract (Basic): JP 2003228771 A

NOVELTY - A telecommunication cable (3) connects an electronic game machine (2) having a memory cassette (CA) to a point-of-sales ( POS ) terminal (11). The content from POS terminal is downloaded to the memory cassette of electronic game machine. A sales data registration processor registers the charge for downloading data, after completion of download process.

USE - For registering sales information of digitized content including music, image, application program and game software, downloaded from point-of-sales ( POS ) terminal of shop, to electronic device such as mobile telephone, personal computer and

electronic game machine

ADVANTAGE - Efficiently registers the charge for uploading or downloading of content.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the point-of-sales system. (Drawing includes non- English language text).

POS system (1)

electronic game machine (2)

telecommunication cable (3)

game firm host computer (5)

POS terminal (11)

memory cassette (CA)

pp; 14 DwgNo 1/15

Title Terms: SALE; DATA; REGISTER; APPARATUS; POINT; SALE; **TERMINAL** ; SHOP  
; REGISTER; **CHARGE** ; DATA; POINT; SALE; **TERMINAL** ; MEMORY; CASSETTE;  
**ELECTRONIC** ; GAME; MACHINE; AFTER; COMPLETE; PROCESS

Derwent Class: T01; T05

International Patent Class (Main): G07G-001/12

International Patent Class (Additional): **G06F-017/60** ; G07F-017/00;

G07G-001/14

File Segment: EPI

11/5/17 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015511113 \*\*Image available\*\*

WPI Acc No: 2003-573260/200354

XRPX Acc No: N03-455796

Data storage terminal in data transmission system, has charging unit that charges user according to amount of digital data transmitted to server and storage period of digital data in server

Patent Assignee: CANON KK (CANO )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003196487	A	20030711	JP 2001392334	A	20011225	200354 B

Priority Applications (No Type Date): JP 2001392334 A 20011225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003196487	A		10 G06F-017/60	

Abstract (Basic): JP 2003196487 A

NOVELTY - The image data output by a digital camera (100), is transmitted to a server (140) through Internet (120), when recording capacity of a recording medium which records the image data is full. A charging unit charges a user according to amount of transmitted digital data and storage period of digital data in the server.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) data storage server;
- (2) digital data storage system;
- (3) digital data storage method;
- (4) computer- readable storage medium storing digital data storage program; and
- (5) digital data storage program.

USE - In data transmission system, for transmitting image data output by digital camera to data storage server (claimed), through Internet.

ADVANTAGE - Enables the user to acquire the image data easily, even while traveling.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the data transmission system. (Drawing includes non- English language text).

digital camera (120)  
Internet (120)  
data storage server (140)  
pp; 10 DwgNo 1/6.

Title Terms: DATA; STORAGE; **TERMINAL** ; DATA; TRANSMISSION; SYSTEM; **CHARGE**  
; UNIT; **CHARGE** ; USER; ACCORD; AMOUNT; **DIGITAL** ; DATA; TRANSMIT; SERVE;  
STORAGE; PERIOD; **DIGITAL** ; DATA; SERVE

Derwent Class: T01; W04

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): H04N-005/225; H04N-005/765

File Segment: EPI

11/5/18 (Item 4 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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015485595 \*\*Image available\*\*

WPI Acc No: 2003-547742/200352

XRPX Acc No: N03-435069

Image transmission system through the Internet has server that saves  
image photographed by digital camera with identification number, and  
terminal that selects and acquires desired photographed image from  
server using identification number

Patent Assignee: MATSUSHITA DENKI SANGYO KK (MATU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003143350	A	20030516	JP 200221480	A	20020130	200352 B

Priority Applications (No Type Date): JP 2001254304 A 20010824

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003143350	A	24	H04N-001/00	

Abstract (Basic): JP 2003143350 A

NOVELTY - The system has a server (5) that saves the image  
photographed by a **digital** camera (7) with a corresponding  
identification number, and a **terminal** that selects and acquires a  
desired photographed image from the server using the identification  
number.

DETAILED DESCRIPTION - An identification number memory (10) stores  
the identification number to specify an individual. An identification  
number receiver (8) recognizes the identification number from the  
identification number memory. The **digital** camera starts to photograph  
an image after a predetermined time if the identification number  
receiver has recognized an identification number. An INDEPENDENT CLAIM  
is included for the image transmission method.

USE - For transmitting photographed image through the Internet.

ADVANTAGE - Ensures efficient management of photographed images  
using identification numbers. Enables user to browse and purchase  
photographed images freely through a network using provided  
identification numbers. Ensures easy acquisition of identification  
numbers and reduced **cost** per **photographed image** . Ensures simple  
and low- **cost** **download** of several **photographed images** of  
specific theme. Ensures improved reliability in providing images to  
user. Ensures easy purchasing of **photographed images** through a  
network. Ensures shortened **download** time and communication **charges**  
when high-speed private circuit is used to **download** a **photographed**  
**image** . Ensures reliable and easy processing of **charges** in acquiring  
photographed image. Ensures simple recollection of images through  
network.

DESCRIPTION OF DRAWING(S) - The figure is a block diagram showing  
the structure of the automatic photography system in a theme park using  
the image transmission system. (Drawing includes non-English language  
text).

Server (5)  
Digital camera (7)  
Identification number receiver (8)  
Identification number memory (10)  
pp; 24 DwgNo 2/32  
Title Terms: IMAGE; TRANSMISSION; SYSTEM; THROUGH; SERVE; SAVE; IMAGE;  
PHOTOGRAPH; DIGITAL ; CAMERA; IDENTIFY; NUMBER; TERMINAL ; SELECT;  
ACQUIRE; PHOTOGRAPH; IMAGE; SERVE; IDENTIFY; NUMBER  
Derwent Class: T01; W02  
International Patent Class (Main): H04N-001/00  
International Patent Class (Additional): G06F-017/60 ; H04N-005/76;  
H04N-007/173  
File Segment: EPI

11/5/19 (Item 5 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

015412044 \*\*Image available\*\*  
WPI Acc No: 2003-474184/200345  
XRPX Acc No: N03-377284

Image data provision system in web site preparation, includes lab server  
which recognizes image data specified by user terminal , based on  
company identification data and image code stored in host server

Patent Assignee: KONICA CORP (KONS )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003114948	A	20030418	JP 2001307361	A	20011003	200345 B

Priority Applications (No Type Date): JP 2001307361 A 20011003

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003114948	A		6	G06F-017/60	

Abstract (Basic): JP 2003114948 A

NOVELTY - A host server (2) and a lab server (3) match and store  
image data, company identification data and image code. A user  
terminal (1) specifies an image data and transmits to the host  
server. The lab server recognizes the image data transmitted by the  
host server, based on the company identification data and image code  
of the image data.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for  
image data discrimination system.

USE - For providing digital data for web site preparation,  
digital printing.

ADVANTAGE - Reduces the amount of data transmitted between the host  
and lab servers, and avoids network traffic. Reduces communication time  
and cost, by eliminating the necessity of transmitting the image data  
itself.

DESCRIPTION OF DRAWING(S) - The figure shows an outline structure  
of the image data provision system. (Drawing includes non-English  
language text).

user terminal (1)  
host server (2)  
lab server (3)  
pp; 6 DwgNo 1/4

Title Terms: IMAGE; DATA; PROVISION; SYSTEM; WEB; SITE; PREPARATION; SERVE;  
RECOGNISE; IMAGE; DATA; SPECIFIED; USER; TERMINAL ; BASED; COMPANY;  
IDENTIFY; DATA; IMAGE; CODE; STORAGE; HOST; SERVE  
Derwent Class: P75; T01; T04  
International Patent Class (Main): G06F-017/60  
International Patent Class (Additional): B41J-029/38; G06F-003/12;  
G06F-013/00  
File Segment: EPI; EngPI

11/5/20 (Item 6 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

015358620 \*\*Image available\*\*  
WPI Acc No: 2003-419558/200339  
XRPX Acc No: N03-334937

Digital camera using encoded image service system, uses  
identification memory medium storing customer ID, code key and encoded  
image signal where other medium stores size reduced image for  
confirmation

Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU )

Inventor: AZUMA M

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030052975	A1	20030320	US 2002235527	A	20020905	200339 B
JP 2003087713	A	20030320	JP 2001270659	A	20010906	200339

Priority Applications (No Type Date): JP 2001270659 A 20010906

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030052975	A1		12	H04N-005/225	
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JP 2003087713	A		10	H04N-005/91	
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Abstract (Basic): US 20030052975 A1

NOVELTY - An encoder (12) encodes compressed image signal including  
still/moving image and voice signal output from a processor (11). A  
processor (13) reduces the size of the compressed image signal for  
producing image for confirmation. A detachable identification (ID)  
memory medium (4) stores the customer ID, code key used in encoder and  
encoded image signal. A detachable memory medium (14) stores the size  
reduced image for confirmation.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following:

- (1) an encoded image service system; and
- (2) customer authentication communication terminal equipment.

USE - Digital camera using encoded image service system  
especially digital camera applied to rental system, etc., to take  
pictures of sight seeing ground, wedding halls, railway station service  
area in express way, etc., where digital camera is set as telescope  
model in sports watching and light compact model in tourist resort,  
etc.

ADVANTAGE - Generates encoded image signal suitable to apply to the  
rental system by using simple technique. The encoded image signal  
cannot be decoded by the corresponding digital camera even if the  
camera is connected with the personal computer directly, thereby  
maintaining image storage security. The best digital camera can  
be borrowed only for necessary period, while enabling effective  
utilization of various maintenance service such as operation  
confirmation, battery charge or exchange. The customer needs neither  
cash nor the credit card by using batch account method.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram  
explaining configuration of the digital camera.

ID memory medium (4)  
image processors (11,13)  
encoder (12)  
detachable memory medium (14)  
pp; 12 DwgNo 2/6

Title Terms: DIGITAL ; CAMERA; ENCODE; IMAGE; SERVICE; SYSTEM; IDENTIFY;  
MEMORY; MEDIUM; STORAGE; CUSTOMER; ID; CODE; KEY; ENCODE; IMAGE; SIGNAL;  
MEDIUM; STORAGE; SIZE; REDUCE; IMAGE; CONFIRM

Derwent Class: W04

International Patent Class (Main): H04N-005/225; H04N-005/91

International Patent Class (Additional): G06F-017/30; G06F-017/60 ;

H04L-009/10; H04N-005/90; H04N-007/167  
File Segment: EPI

11/5/21 (Item 7 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

015348007 \*\*Image available\*\*  
WPI Acc No: 2003-408945/200339  
XRPX Acc No: N03-326207

Photography permitting system e.g. for information terminal of wireless communication, registers charging with respect to photography by information terminal, while transmitting billing information to information terminal

Patent Assignee: CANON KK (CANO )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003078810	A	20030314	JP 2001266187	A	20010903	200339 B

Priority Applications (No Type Date): JP 2001266187 A 20010903

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003078810	A		21	H04N-005/232	

Abstract (Basic): JP 2003078810 A

NOVELTY - A **charging** center (3) includes a **charging** unit (900) to register **charging** with respect to a photography by an information **terminal** .(1) in a predetermined place, and a transmitter .(910) to transmit billing information to the information **terminal** . A cell station (2) detects the information **terminal** by transmitting a wireless inquiry signal, and permits photography only with respect to the **charging** registered information **terminal** .

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) **charging** center;
- (2) cell station;
- (3) information **terminal** ;
- (4) photography permitting method; and
- (5) recorded medium **storing** instruction for **photography** permitting program.

USE - For permitting photography with respect to information **terminal** of wireless communication circuit used for personal handyphone system (PHS) data communication, spread spectrum (SS) wireless communication, bluetooth communication, etc.

ADVANTAGE - Enables photography operation control and photography **charging** of **digital** image using unspecified photography unit in predetermined place, since photography is permitted only with respect to the **charging** registered **terminal** .

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the photography permitting system. (Drawing includes non-English language text).

- information **terminal** (1)
- cell station (2)
- charging** center (3)
- charging** unit (900)
- transmitter (910)

pp; 21 DwgNo 1/16

Title Terms: PHOTOGRAPH; PERMIT; SYSTEM; INFORMATION; **TERMINAL** ; WIRELESS; COMMUNICATE; REGISTER; **CHARGE** ; RESPECT; PHOTOGRAPH; INFORMATION; **TERMINAL** ; TRANSMIT; BILL; INFORMATION; INFORMATION; **TERMINAL**

Derwent Class: T01; W04

International Patent Class (Main): H04N-005/232

International Patent Class (Additional): G06F-017/60

File Segment: EPI

11/5/22 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

015304188 \*\*Image available\*\*  
WPI Acc No: 2003-365122/200335  
XRPX Acc No: N03-291507

Image data storing service system for print shop stores image data  
on CD-R disc on confirmation of customer payment

Patent Assignee: NORITSU KOKI CO LTD (NORI-N); NOZAKI I (NOZA-I)

Inventor: NOZAKI I

Number of Countries: 033 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1298487	A1	20030402	EP 200221795	A	20020926	200335 B
JP 2003109109	A	20030411	JP 2001300368	A	20010928	200335
US 20030065530	A1	20030403	US 2002253881	A	20020925	200335
CN 1410930	A	20030416	CN 2002144453	A	20020928	200345

Priority Applications (No Type Date): JP 2001300368 A 20010928

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1298487 A1 E 19 G03D-015/00

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

JP 2003109109 A 15 G07F-017/00

US 20030065530 A1 G06F-017/60

CN 1410930 A G06F-017/60

Abstract (Basic): EP 1298487 A1

NOVELTY - System comprises customer use terminal devices  
connected to an image information reader for an image data storage  
device, which only stores the digital image data on CD-R disc when  
customer payment is confirmed. It also has a clerk terminal and image  
output device to enable output of the image data on completion of  
payment.

USE - System is for a photo print shop.

ADVANTAGE - System is less labor intensive, has a lower  
introduction cost and ascertains fee collection.

DESCRIPTION OF DRAWING(S) - The figure shows a photo service  
system.

pp; 19 DwgNo 1/7

Title Terms: IMAGE; DATA; STORAGE; SERVICE; SYSTEM; PRINT; SHOP; STORAGE;  
IMAGE; DATA; CD; DISC; CONFIRM; CUSTOMER; PAY

Derwent Class: P84; T01; T04; T05; W02; W04

International Patent Class (Main): G03D-015/00; G06F-017/60 ; G07F-017/00

International Patent Class (Additional): H04N-001/00; H04N-005/76;

H04N-005/91

File Segment: EPI; EngPI

11/5/23 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015260605 \*\*Image available\*\*  
WPI Acc No: 2003-321534/200331  
XRPX Acc No: N03-256742

Commercial portrait distribution service system has terminal for face  
image reception, management host computer, portrait manufacture  
terminal , and portrait data extracting terminal linked via internet

Patent Assignee: OONUMA F (OONU-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No Kind Date Applicat No Kind Date Week  
JP 2003067585 A 20030307 JP 2001305843 A 20010827 200331 B

Priority Applications (No Type Date): JP 2001305843 A 20010827

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2003067585 A 8 G06F-017/60

Abstract (Basic): JP 2003067585 A

NOVELTY - The system has a **terminal** for face **image** reception (2), a management **host** computer (1), a portrait manufacture **terminal** (4), and a portrait data extracting **terminal** (3) which are all connected through a public network (6) or the internet.

DETAILED DESCRIPTION - The **terminal** for face image reception takes the facial data of a requesting visitor as **electronic** face data which are transmitted to the management host computer. The management host computer transmits the **electronic** face data to the portrait data extracting **terminal** and to the portrait manufacture **terminal**, and performs the database management of the portrait **electronic** data from the portrait manufacture **terminal**. The portrait manufacture **terminal** uses the **electronic** face data from the management host computer as portrait **electronic** data. The portrait data extracting **terminal** receives the portrait **electronic** data from the management host computer and extracts the necessary data for printing, for output on a monitor or for output to a necessary medium.

USE - Commercial portrait distribution service system.

ADVANTAGE - Ensures improved effectiveness in preparing the portrait of a requesting visitor through a public network. Ensures reduced **cost** and shortened time in forming portrait of requesting visitor.

DESCRIPTION OF DRAWING(S) - The figure shows the system block diagram of the commercial portrait distribution service system. (Drawing includes non-English language text).

Management host computer (1)  
**Terminal** for face image reception (2)  
Portrait data extracting **terminal** (3)  
Portrait manufacture **terminal** (4)  
Public network (6)  
pp; 8 DwgNo 1/12

Title Terms: COMMERCIAL; PORTRAIT; DISTRIBUTE; SERVICE; SYSTEM; **TERMINAL** ;  
FACE; IMAGE; RECEPTION; MANAGEMENT; HOST; COMPUTER; PORTRAIT; MANUFACTURE  
; **TERMINAL** ; PORTRAIT; DATA; EXTRACT; **TERMINAL** ; LINK

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-017/30; G06T-001/00;

G06T-011/80; H04N-001/00

File Segment: EPI

11/5/24 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014894363 \*\*Image available\*\*

WPI Acc No: 2002-715069/200278

XRPX Acc No: N02-564083

Digital **image** printing cost calculating apparatus for printed matter  
using at least one coloring material based on digital **image** represented  
by discrete numerical values

Patent Assignee: SEIKO EPSON CORP (SHIH ); AKAIWA M (AKAI-I); MINOWA Y  
(MINO-I)

Inventor: AKAIWA M; MINOWA Y

Number of Countries: 030 Number of Patents: 007

Patent Family:

Patent No Kind Date Applicat No Kind Date Week  
EP 1248219 A2 20021009 EP 20026649 A 20020326 200278 B



US 20020165833	A1	20021018	US 2002107541	A	20020326	200280
JP 2002304281	A	20021018	JP 2001105943	A	20010404	200301
JP 2002304549	A	20021018	JP 2001105944	A	20010404	200301
JP 2002355954	A	20021210	JP 2001162281	A	20010530	200311
KR 2002079446	A	20021019	KR 200218242	A	20020403	200316
CN 1396537	A	20030212	CN 2002130399	A	20020404	200335

Priority Applications (No Type Date): JP 2001162281 A 20010530; JP 2001105943 A 20010404; JP 2001105944 A 20010404

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1248219	A2	E	36	G06F-017/60	
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT					
LI LT LU LV MC MK NL PT RO SE SI TR					
US 20020165833	A1			G06F-017/00	
JP 2002304281	A		14	G06F-003/12	
JP 2002304549	A		14	G06F-017/60	
JP 2002355954	A		18	B41J-002/01	
KR 2002079446	A			G06F-019/00	
CN 1396537	A			G06F-017/00	

Abstract (Basic): EP 1248219 A2

NOVELTY - A printing company (2) manages a printed matter-issuing system (1) and plural clients (3) use terminal devices (16), while the company estimates a printing cost according to an order for printed matter (5) prepared by the printing apparatus (4). A server (SV) receives information of a digital image (6) and printing conditions from the client, while storing data required for operating and managing the system. The printing cost is calculated based on the amount of ink needed to print an image.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a printing cost calculating method, for a printer driver and for a printing system.

USE - Calculating printing cost for preparing printed matter.

ADVANTAGE - Efficient calculation of printing cost.

DESCRIPTION OF DRAWING(S) - The drawing shows the system

Printing company (2)

Clients (3)

Printing apparatus (4)

Printed matter (5)

Image (6)

pp; 36 DwgNo 1/14

Title Terms: DIGITAL ; IMAGE; PRINT; COST ; CALCULATE; APPARATUS; PRINT; MATTER; ONE; COLOUR; MATERIAL; BASED; DIGITAL ; IMAGE; REPRESENT; DISCRETE; NUMERIC; VALUE

Derwent Class: P75; P84; T01; T04

International Patent Class (Main): B41J-002/01; G06F-003/12; G06F-017/00; G06F-017/60 ; G06F-019/00

International Patent Class (Additional): B41J-005/30; B41J-029/38;

G03G-015/01; G06K-015/00; H04N-001/00

File Segment: .EPI; EngPI

11/5/25 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014832973 \*\*Image available\*\*

WPI Acc No: 2002-653679/200270

Method for personal advertisement on large electric sign using internet and wireless terminal

Patent Assignee: BYUN H Y (BYUN-I); KIM K S (KIMK-I); KIM S Y (KIMS-I)

Inventor: KIM S Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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KR 2002031746 A 200205 KR 200062448 A 20001023 00270 B

Priority Applications (No Type Date): KR 200062448 A 20001023

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2002031746 A 1 G06F-017/60

Abstract (Basic): KR 2002031746 A

NOVELTY - A method for personal advertisement on a large electric sign is provided to make a client or an advertiser of a small company use a large electric sign at a low cost in a short time and easily register an advertisement by using the Internet, a cellular phone, or a PDA(Personal Digital Assistant).

DETAILED DESCRIPTION - An advertiser using the Internet connects to an advertisement providing server(110) through the Internet and registers an advertisement. A client(101) using a wireless terminal connects to the server via a mobile communication network and registers an advertisement. The server includes a member DB(Database)(111) storing the personal information of members, an advertisement DB(112) storing image files, moving picture image files and text files, and an editor(113) reviewing and editing the registered advertisement. The server transmits the advertisement data with control information to an artificial satellite(160), a mobile communication switching system(120), and an exclusive line network(170). Information is directly transmitted to an advertising device(150) via the artificial satellite or the exclusive line network, or transmitted to the advertising device via a base station(140).

pp; 1 DwgNo 1/10

Title Terms: METHOD; PERSON; ADVERTISE; ELECTRIC; SIGN; WIRELESS; **TERMINAL**

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/26 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014384727 \*\*Image available\*\*

WPI Acc No: 2002-205430/200226

XRPX Acc No: N02-156408

Moving/still image data processing method through Internet, involves transferring processed image data to user terminal or storing and managing processed data in memory

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJF )

Inventor: WATANABE K

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020019859	A1	20020214	US 2001919617	A	20010801	200226 B
JP 2002189672	A	20020705	JP 2001231545	A	20010731	200259

Priority Applications (No Type Date): JP 2000232824 A 20000801

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020019859 A1 15 G06F-015/16

JP 2002189672 A 11 G06F-013/00

Abstract (Basic): US 20020019859 A1

NOVELTY - The digital image data are transferred from a user terminal (12) to a processing apparatus of a laboratory (14) and are processed. The processed data are transferred to the user terminal through Internet or stored in a memory that is accessible by the user terminal for managing processed image data.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for

moving/still image data processing system.

USE - For processing moving/still image data received from user terminal through Internet, to output processed data in color printer.

ADVANTAGE - A customer can easily acquire high accuracy and high definition image data at low cost.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of image processing service system utilizing network.

User terminal (12)

Laboratory (14)

pp; 15 DwgNo 4/4

Title Terms: MOVE; STILL; IMAGE; DATA; PROCESS; METHOD; THROUGH; TRANSFER; PROCESS; IMAGE; DATA; USER; **TERMINAL** ; STORAGE; MANAGE; PROCESS; DATA; MEMORY

Derwent Class: P75; T01

International Patent Class (Main): G06F-013/00; G06F-015/16

International Patent Class (Additional): B41J-029/38; G06F-003/12;

G06F-017/60 ; G06T-011/80

File Segment: EPI; EngPI

11/5/27 (Item 13 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014203532 \*\*Image available\*\*

WPI Acc No: 2002-024229/200203

Method and system for inducing subscription of member and attracting online advertisement via digital commemorative photo and image service

Patent Assignee: LYU M Y (LYUM-I)

Inventor: LYU M Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001068106	A	20010713	KR 200121928	A	20010424	200203 B

Priority Applications (No Type Date): KR 200121928 A 20010424

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001068106	A	1	G06F-017/60	

Abstract (Basic): KR 2001068106 A

NOVELTY - A digital commemorative photo and image service method and system is provided to take photos and images of people participating in an event or a festival, and transmit the photos and images to a customer free of charge so that it can intermediate an advertisement and induce a subscription of members.

DETAILED DESCRIPTION - The system comprises a portable image capture device(100), a portable storage device(110), a main server(120), a database(130) and a user terminal (140). The portable image capture device(100) captures the photos of the people. The portable image capture device(100) can be a digital camera, a digital camcorder or a USB PC camera. The portable storage device(110) stores the captured photos or images. The main server(120) edits the input photos, inserts an advertisement sentence into the photos, loads up summarized data on a web server, and stores the detailed data at the database(130). The customer accesses the web server, passes a user certification process, browses the summarized data and downloads the detailed data via an e-mail.

pp; 1 DwgNo 1/10

Title Terms: METHOD; SYSTEM; INDUCE; SUBSCRIBER; MEMBER; ATTRACT; ADVERTISE ; **DIGITAL** ; PHOTO; IMAGE; SERVICE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/28 (Item 14 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013887092 \*\*Image available\*\*  
WPI Acc No: 2001-371305/200139  
XRPX Acc No: N01-271386

Job-offering and job-hunting guide system has bit-map synthesizer to  
synthesize bit-map from character and still picture information extracted  
based on job hunting conditions

Patent Assignee: KOTAKI I (KOTA-I); SESAMI KK (SESA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2001109790	A	20010420	JP 99290269	A	19991012	200139 B

Priority Applications (No Type Date): JP 99290269 A 19991012

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2001109790	A		7	G06F-017/60	

Abstract (Basic): JP 2001109790 A

NOVELTY - A facsimile output unit selects still- picture and character information from still- picture storage unit (44) and character information storage unit (22) based on job-hunting conditions input by e-mail. Bit-map synthesizer (24) accordingly synthesizes bit-map and facsimile conversion unit (76) generates relative output. Internet terminal (58) peruses and/or prints out information from job-offer information.

DETAILED DESCRIPTION - The character information storage unit stores character information among job-offer information provided from job-offer person by facsimile output or electronic mail. The still-picture information storage unit stores still picture information such as map and photograph. Vocal access unit (56) receives job hunting conditions from an applicant. An array condition setting unit sets up output array condition to paper in case of facsimile output. A vocal output unit selects required information and performs vocal output from character information based on input job hunting condition.

USE - Job-offering and job-hunting guide system.

ADVANTAGE - Wide range of jobs are offered to be easily accessed by job-hunters by guide system, thus reducing information acquisition cost and time. Also job offerers are provided with increased flexibility in choosing a man with ability to perform the job.

DESCRIPTION OF DRAWING(S) - The figure shows the system flow chart representation of job-offering and job-hunting guide system. (Drawing includes non-English language text).

Character information storage unit (22)

Bit-map synthesizer (24)

Still- picture storage unit (44)

Internet terminal (58)

Facsimile conversion unit (76)

pp; 7 DwgNo 1/4

Title Terms: JOB; OFFER; JOB; HUNTING; GUIDE; SYSTEM; BIT; MAP; BIT; MAP; CHARACTER; STILL; PICTURE; INFORMATION; EXTRACT; BASED; JOB; HUNTING; CONDITION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

11/5/29 (Item 15 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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011124267 \*\*Image available\*\*

WPI Acc No: 1997-102191/10  
XRPX Acc No: N97-084535

Image transmission system for MPEG data to multimedia network and having frame setting function - sets frames to be transmitted according to traffic on transmission path, and maintains accounting process with charge system

Patent Assignee: CANON KK (CANO )

Inventor: IWAMURA K; NAGASHIMA T

Number of Countries: 010 Number of Patents: 015

Patent Family:

Patent No.	Kind	Date	Applicat No	Kind	Date	Week
EP 756424	A2	19970129	EP 96305438	A	19960724	199710 B
AU 9660685	A	19970130	AU 9660685	A	19960724	199713
JP 9046677	A	19970214	JP 95189282	A	19950725	199717
JP 9046679	A	19970214	JP 95189284	A	19950725	199717
CA 2181761	A	19970126	CA 2181761	A	19960722	199722
US 5909238	A	19990601	US 96685966	A	19960722	199929
AU 726619	B	20001116	AU 9660685	A	19960724	200103
CN 1146121	A	19970326	CN 96110287	A	19960725	200106
CA 2181761	C	20020402	CA 2181761	A	19960722	200231
US 6434746	B1	20020813	US 96685966	A	19960722	200255
			US 98185527	A	19981104	
JP 3359192	B2	20021224	JP 95189282	A	19950725	200304
JP 3372717	B2	20030204	JP 95189284	A	19950725	200317
SG 93798	A1	20030121	SG 9610346	A	19960724	200319
EP 756424	B1	20030716	EP 96305438	A	19960724	200354
DE 69629078	E	20030821	DE 629078	A	19960724	200362
			EP 96305438	A	19960724	

Priority Applications (No Type Date): JP 95189284 A 19950725; JP 95189282 A 19950725

Cited Patents: No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 756424	A2	E	37	H04N-007/60	
				Designated States (Regional):	DE FR GB NL
AU 9660685	A			G06F-017/60	
JP 9046677	A		27	H04N-007/16	
JP 9046679	A		30	H04N-007/16	
CA 2181761	A			H04N-007/50	
US 5909238	A			H04N-007/173	
AU 726619	B			G06F-017/60	Previous Publ. patent AU 9660685
CN 1146121	A			H04N-007/16	
CA 2181761	C	E		H04N-007/50	
US 6434746	B1			H04N-007/16	Div ex application US 96685966 Div ex patent US 5909238
JP 3359192	B2		25	H04N-007/16	Previous Publ. patent JP 9046677
JP 3372717	B2		30	H04N-007/16	Previous Publ. patent JP 9046679
SG 93798	A1			H04N-007/60	
EP 756424	B1	E		H04N-007/60	
				Designated States (Regional):	DE FR GB NL
DE 69629078	E			H04N-007/60	Based on patent EP 756424

Abstract (Basic): EP 756424 A

the image transmission system for transferring MPEG data has a device for setting frames for the MPEG data to be transmitted according to the contained data traffic. An accounting device implements an accounting process with a charge system according to the set frames.

A receiving terminal has the frames setting device, and a transmitting terminal has the accounting device and includes image charge information storage. A device is also provided for paying a charge at a predetermined interval. The storage device includes a digital storage device for containing computer code including instructions for controlling a computer for implementing the accounting function.

USE/ADVANTAGE - E.g. for transmitting various information such as

moving image data, still image data, voice data, computer data etc.  
Information is protected from interference or illegal alteration, and  
ensures fair accounting.

Dwg.1/22

Title Terms: IMAGE; TRANSMISSION; SYSTEM; DATA; NETWORK; FRAME; SET;  
FUNCTION; SET; FRAME; TRANSMIT; ACCORD; TRAFFIC; TRANSMISSION; PATH;  
MAINTAIN; ACCOUNT; PROCESS; **CHARGE** ; SYSTEM

Derwent Class: T05; W02

International Patent Class (Main): **G06F-017/60** ; H04N-007/16; H04N-007/173  
; H04N-007/50; H04N-007/60

International Patent Class (Additional): G06F-151/00; H04L-012/14;  
H04L-012/28; H04N-007/025; H04N-007/167; H04N-007/24; H04N-017/04;  
H04Q-003/00

File Segment: EPI

13/5/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07631261 \*\*Image available\*\*  
CHARGING SYSTEM FOR IMAGE TRANSMISSION AND RELAYING DEVICE

PUB. NO.: 2003-125114 [JP 2003125114 A]  
PUBLISHED: April 25, 2003 (20030425)  
INVENTOR(s): HATANAKA KENICHI  
APPLICANT(s): SUMITOMO ELECTRIC IND LTD  
APPL. NO.: 2001-313113 [JP 20011313113]  
FILED: October 10, 2001 (20011010)  
INTL CLASS: H04M-015/00; G06F-017/60 ; H04M-003/493; H04M-011/08;  
H04N-007/16

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a **charging** system for image transmission that can eliminate a sense of disease from a user caused by its entry or the like of ID information of a credit card and simplify the procedure when the user receives provision of a road video image and to provide a relaying device used for the system.

SOLUTION: In the case that a server device ( **image** collection distribution device) 10 **downloads** a road video **image** to a communication **terminal** 80 such as a personal computer possessed by the user via a communication network 100 such as the **Internet** , an intermediary enterprise 400 intervenes in the communication between the user and the server device 10. The intermediary enterprise 400 is provided with the relaying device, calculates the communication **charge** with respect to the communication and the information **charge** with respect to the road video image altogether and performs **charging** processing.

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13/5/2 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07483621. \*\*Image available\*\*  
SYSTEM AND METHOD FOR SUPPORTING BUSINESS ACTIVITY, SERVER AND COMMUNICATION METHOD

PUB. NO.: 2002-352139 [JP 2002352139 A]  
PUBLISHED: December 06, 2002 (20021206)  
INVENTOR(s): ARIIZUMI CHIKARA  
OBARA KUNIIHIKO  
APPLICANT(s): OMRON CORP  
APPL. NO.: 2001-160736 [JP 20011160736]  
FILED: May 29, 2001 (20010529)  
INTL CLASS: G06F-017/60 ; G06F-013/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a business activity support system, for enabling a person in **charge** of business to easily transmit useful information to own customers from a homepages, etc.

SOLUTION: A business **terminal** 5 and a customer **terminal** 14 can access a server 2 via the **Internet** 1. The server is provided with contents 3 for customers which carry information for the customers. The contents for customers are generated, by associating a template of a display **image** stored in a template **storing** part with a topic **uploaded** from the business **terminal** and incorporating the information at a prescribed position of the template. Contents for the customers for customers are outputted, in response to access from the customers. The person in **charge**

of business has only to prepare the topic using text information, and the load is reduced.

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13/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07465646 \*\*Image available\*\*  
SYSTEM AND SERVER FOR VIRTUALLY VISITING GRAVE

PUB. NO.: 2002-334163 [JP 2002334163 A]  
PUBLISHED: November 22, 2002 (20021122)  
INVENTOR(s): KAWAHARA JUNICHI  
APPLICANT(s): KAWAHARA JUNICHI  
APPL. NO.: 2001-079744 [JP 20011079744]  
FILED: March 21, 2001 (20010321)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To make it possible to virtually visit the grave while displaying a desired gravestone image by accessing a virtual graveyard server storing gravestone images from a customer terminal through the Internet .

SOLUTION: A grave visiting page transmitting means 12 retrieves a customer database 4 and transmits a grave visiting page including a gravestone image of a customer and manner icons to the customer terminal 3. When a manner icon is clicked on the grave visiting page displayed on the customer terminal 3, a manner contents selection page transmitting means 13 retrieves a manner database 5 and transmits a corresponding manner contents selection page to the customer terminal 3. When manner contents are selected on the manner contents selection page displayed on the customer terminal 3, a manner applet transmitting means 14 transmits a corresponding manner applet of the manner database 5 to the customer terminal 3. A history data recording means 15 records history data including charging results in a history database 6 when the manner applet is transmitted. A representative grave visiting performance notifying means 16 notifies a representative grave visiting agent terminal 7 of representative grave visiting performance based on the history data through the Internet 2 if a representative performance flag is turned on.

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13/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07361694 \*\*Image available\*\*  
INFORMATION SERVICE SYSTEM

PUB. NO.: 2002-230191 [JP 2002230191 A]  
PUBLISHED: August 16, 2002 (20020816)  
INVENTOR(s): IZUTA ISAO  
FUKUSHIMA HIDEKI  
APPLICANT(s): AIM SUPPLY KK  
APPL. NO.: 2001-028367 [JP 20011028367]  
FILED: February 05, 2001 (20010205)  
INTL CLASS: G06F-017/60 ; G06F-013/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an information service system capable of using the Internet capable of simplifying an input operation to be



performed by a customer, and saving costs and a time accompanied with the information provision.

SOLUTION: In the information service system, a server is connected through an information communication network to a **terminal**. The server is provided with a step for encouraging a contributor **terminal** to contribute a workpiece such as a picture, **photograph**, and animation and to input the member information, and for storing the inputted contributed workpiece and member information in a workpiece database and a member database, a step for extracting a plurality of data to be distributed from the workpiece database and the information database to a customer in each fixed time, and for transmitting the data to the customer **terminal**, and the customer **terminal** is provided with a step for storing the received data in a reception folder, and a step for switching and displaying the plurality of data stored in the reception folder on a touch panel connected to the customer **terminal** in each fixed time, or for switching and displaying the plurality of data stored in the reception folder or the data in a customer unique data folder according to the operation of a switching button displayed on the touch panel.

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13/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07347242 \*\*Image available\*\*  
SIGN **IMAGE** **STORING** **DEVICE** AND **MAIL** **CHARGE** **CALCULATING** **DEVICE**

PUB. NO.: 2002-215733 [JP 2002215733 A]  
PUBLISHED: August 02, 2002 (20020802)  
INVENTOR(s): ITO KENZO  
IKEDA MASAYUKI  
KOBAYASHI KENJI  
IGARASHI KENJI  
APPLICANT(s): CASIO COMPUT CO LTD  
APPL. NO.: 2001-009465 [JP 20011009465]  
FILED: January 17, 2001 (20010117)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a mail **charge** calculating device which does not need to stockpile stamps and to calculate a mail **charge**.

SOLUTION: A user 2 connects a **terminal** device 3 through a network (the **Internet** 1 with a registration agency 4 to apply registration of a sign for mail **charge** post-payment. At that time, personal information for identifying the user himself, such as a name, and information for determining settlement method such as a number of a credit card are inputted. Simultaneously, issuance of a code number may be applied. In that case, the code number is distributed from the registration agency 4 to the user 2 through the **Internet** 1. The user signs his name (or in addition writes the code) in a given portion of a mail, instead of a stamp, and drops it in a mailbox. At the post office 6, information for specifying a kind of mail and the user from a weight of the mail and the sign are read out, and the post office bills to a credit company of a registered credit card number.

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13/5/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07289012 \*\*Image available\*\*  
INFORMATION SUPPLY AND RESERVATION METHOD FOR SPORT FISHING BOAT

PUB. NO.: 2002-157485 [JP 2002157485 A]  
PUBLISHED: May 31, 2002 (20020531)  
INVENTOR(s): KITAMURA JUNICHIRO  
APPLICANT(s): KITAMURA JUNICHIRO  
APPL. NO.: 2000-350419 [JP 2000350419]  
FILED: November 17, 2000 (20001117)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a sport fishing boat information supply and reservation method by which a guest fisher is easily provided with the information on a sport fishing boat operator and easily reserves a sport fishing boat.

SOLUTION: In the storage means 17 of a center, basic information including at least a place, size of a boat, facilities and a charge of a plurality of sport fishing operators and detailed information such as fishing result in the past and the reservation conditions of near future of the individual sport fishing boat operator are stored. The server 10 of the center provides a user with the detailed information of the individual sport fishing operator stored in the storage means 17 through the Internet NET as picture information. The user retrieves the picture information by terminal equipment 103, searches an almost desirable sport fishing operator and notifies the center that recreational fishing operator to reserve is decided. The center takes a reservation procedure to the sport fishing operator for the user.

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13/5/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07146684 \*\*Image available\*\*  
MEDICAL TREATMENT DATA STORAGE SYSTEM AND MEDICAL TREATMENT DATA STORAGE METHOD

PUB. NO.: 2002-015063 [JP 2002015063 A]  
PUBLISHED: January 18, 2002 (20020118)  
INVENTOR(s): SUZUKI KATSUYA  
APPLICANT(s): OLYMPUS OPTICAL CO LTD  
APPL. NO.: 2000-199742 [JP 2000199742]  
FILED: June 30, 2000 (20000630)  
INTL CLASS: G06F-017/60 ; A61B-005/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a medical treatment data storage system and a medical treatment data storage method which can provide the data backup and the management of stored data surely at a low cost, depending on user's needs, through a telecommunication line.

SOLUTION: Data (shot image and the like obtained with an endoscope device 12) of medical treatment image or the like stored in a mass storage 14 in a medical care facility 10, through the Internet, is backed up, depending on the contract between a service provider and a recipient, into a backup server 100 under the control of the service provider. In addition, the contract with the service provider is made by accessing from an endoscope server system 13, a personal computer connected to the Internet 1, or the like to a Web terminal 110 for the service provider.

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13/5/8 (Item 8 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07123075 \*\*Image available\*\*  
DOCUMENT PREPARATION SUPPORTING DEVICE

PUB. NO.: 2001-350743 [JP 2001350743 A]  
PUBLISHED: December 21, 2001 (20011221)  
INVENTOR(s): SHINKAWA TAKESHI  
APPLICANT(s): FUJI XEROX CO LTD  
APPL. NO.: 2000-168201 [JP 2000168201]  
FILED: June 05, 2000 (20000605)  
INTL CLASS: G06F-017/21; G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a document preparation supporting device capable of supporting smooth sales activities by supporting the preparation of a suitable document for a person in charge of sales.

SOLUTION: This document preparation supporting device, which is provided with a Web server 3 for providing the read services of a document database 11 storing sales support documents and an image database 21 storing article image data or the like, provides the relevant read services to a sales terminal 5 and provides the contents in the relevant document database 11 and the contents in the image database 21 for document preparation on the sales terminal 5.

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13/5/9 (Item 9 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07079076 \*\*Image available\*\*  
WEDDING CEREMONY ATTENDING NETWORK SYSTEM AND WEDDING CEREMONY FOLDER DEVICE THEREFOR

PUB. NO.: 2001-306722 [JP 2001306722 A]  
PUBLISHED: November 02, 2001 (20011102)  
INVENTOR(s): KURASHIMA FUJIO  
APPLICANT(s): IMPROVE NETWORK KK  
APPL. NO.: 2000-118778 [JP 2000118778]  
FILED: April 19, 2000 (20000419)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a wedding ceremony attending network system and a wedding ceremony folder device therefor, with which the opportunity of blessing to the bride and groom on the screen of terminal equipment (attendant terminal 5) can be prepared while utilizing a computer network even for a person, who can not attend a wedding ceremony because of a problem in costs, time or place, a congratulatory telegram, congratulatory money, flowers or other gift can be easily delivered even when such a person wants to send it.

SOLUTION: Concerning the system paying attention to attendance to the wedding ceremony or party of the bride and groom through a communication means 6 such as the Internet or others, this system is provided with a wedding ceremony folder device 11 having a bride/groom name file 15 storing information on the bride and groom and a bride/groom image file 16 storing image data on the bride and groom, and an attendant K connectable through the communication means 6 to the wedding ceremony folder device 11 can recognize the image data.

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13/5/10 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07045823 \*\*Image available\*\*  
HAIR DRESSING SIMULATION SYSTEM

PUB. NO.: 2001-273457 [JP 2001273457 A]  
PUBLISHED: October 05, 2001 (20011005)  
INVENTOR(s): KAWABATA HIDEYUKI  
MIYAMOTO KENJI  
YAMAMOTO NOBORU  
ARAKI SATOSHI  
KATAOKA YASUNORI  
SUWAKI MASANOBU  
APPLICANT(s): TAKARA BELMONT CO LTD  
JB CRAFT KK  
APPL. NO.: 2000-128592 [JP 2000128592]  
FILED: March 25, 2000 (20000325)  
INTL CLASS: G06F-019/00; G06F-017/30; G06F-017/60 ; G06T-001/00;  
G06T-011/80

#### ABSTRACT

PROBLEM TO BE SOLVED: To solve the problem that a client may dislike a hairstyle after treatment since it is necessary to receive the treatment in a barber shop/beauty parlor and it cannot be judged in advance whether a stylist in charge can give treatment into the hairstyle that the client likes even when the hairstyle is found out since a synthetic image is prepared on visiting the barber shop/beauty parlor on that site in conventional hair simulation.

SOLUTION: This hair dressing simulation system is provided with a database storing hairstyle image data prepared in the barber shop/beauty parlor or (and) prepared from magazines or the like by a server, a hairstyle selecting means for selecting a desired hairstyle image out of the database through the Internet by using information terminal equipment such as the computer of the client, a means for compositing the hairstyle image and a face photograph image and a means for returning the composited image to the computer of the client.

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13/5/11 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015561539 \*\*Image available\*\*  
WPI Acc No: 2003-623695/200359  
System for selling commodity of master using data communication network  
and method thereof

Patent Assignee: KTCOMMERCE INC (KTCO-N)

Inventor: KIM S J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2003036461	A	20030509	KR 200322074	A	20030408	200359 B

Priority Applications (No Type Date): KR 200322074 A 20030408

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2003036461	A		1	G06F-017/60	

Abstract (Basic): KR 2003-06461 A

NOVELTY - A system for selling a commodity of a master using a data communication network and a method thereof are provided to intermediate a commodity sale between a consumer and a master by selling a work of masters with a shopping mall which sells general commodities and issuing a certificate of authentication of a corresponding masters in real time.

DETAILED DESCRIPTION - User terminals (A1-An) include a communication module and a web browser for enabling a user to access to a master sale mall. Master terminals (B1-Bn) include a web camera for photographing a commodity of a master, a communication module, and a web browser. A user executes a financial process for depositing and transferring a commodity purchase price through a financial server(BS). A master sale mall managing server(MPMS) downloads commodity image transmitted from the master terminal (B1-Bn), loads the commodity image, and classifies master commodities according to each category. The master sale mall managing server checks a payment from the financial server(BS) and executes a delivery.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; SELL; COMMODITY; MASTER; DATA; COMMUNICATE; NETWORK; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/12 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015128705 \*\*Image available\*\*

WPI Acc No: 2003-189229/200319

XRPX Acc No: N03-149594

Downloading of text/ image contents into network linked terminals ,  
is as per terminal -specific attributes stored in separate database with  
forwarding server which determines contents reformatting

Patent Assignee: FLEX FOAM KK (FLEX-N); NEC CORP (NIDE ); SUMITOMO SHOJI  
KK (SUMI )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002342219	A	20021129	JP 2001149755	A	20010518	200319 B

Priority Applications (No Type Date): JP 2001149755 A 20010518

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002342219	A		19	G06F-013/00	

Abstract (Basic): JP 2002342219 A

NOVELTY - Text-based contents sought through the Internet (4) by the individual terminals are obtained from a contents provider (7). A forwarding server (6) has a separate database holding the individual attributes of various terminals particularly in regard to the formatting of the contents being received from outside. The attributes are made use of in the forwarding of both text and image to specific terminals .

USE - For downloading of text/ image contents into network linked terminals .

ADVANTAGE - Since no predetermined page formatting is needed, the processes of updating/maintenance/transfers of original text are simplified, leading to considerable time and cost savings.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic outline of the text/image data transfer mode. (Drawing includes non-English language text).

Internet (4)

Forwarding server (6)

Contents provided (7)

pp; 19 DwgNo 1/22

Title Terms: TEXT; IMAGE; CONTENT; NETWORK; LINK; **TERMINAL** ; PER;  
**TERMINAL** ; SPECIFIC; ATTRIBUTE; STORAGE; SEPARATE; DATABASE; FORWARDING;  
SERVE; DETERMINE; CONTENT

Derwent Class: T01

International Patent Class (Main): G06F-013/00

International Patent Class (Additional): G06F-017/30; **G06F-017/60**

File Segment: EPI

13/5/13 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015104307 \*\*Image available\*\*

WPI Acc No: 2003-164824/200316

**Online photo album producing method and apparatus thereof**

Patent Assignee: KWON H J (KWON-I)

Inventor: KWON H J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002075966	A	20021009	KR 200115770	A	20010326	200316 B

Priority Applications (No Type Date): KR 200115770 A 20010326

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002075966	A		1	G06F-017/60	

Abstract (Basic): KR 2002075966 A

NOVELTY - An online photo album producing method and an apparatus thereof are provided to order the photo album with an advertisement image or documents together with photo images by online and discount a portion of producing **cost** according to the amount of published advertisements, so that a company can obtain effectiveness of advertisement.

DETAILED DESCRIPTION - A service business proprietor constructs a server(40) and a database for providing the on-line photo album producing service through the **Internet**. The server(40) is connected to an order's **terminal** (50) and an advertiser's **terminal** (60). The server(40) includes a processor and a **storage** device. The **storage** device stores an online **photo** album producing service program and various database. The program is executed by the processor. Thereafter, an online order is received, an advertisement discount money is calculated on the whole amount of advertisements according to the insertion of advertisement images of the order and a producing file is produced. A database includes a customer database(42), a design database(44), an order database(45), an advertiser database(46) and an advertisement image database(48).

pp; 1 DwgNo 1/10

Title Terms: PHOTO; ALBUM; PRODUCE; METHOD; APPARATUS

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/14 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014991322 \*\*Image available\*\*

WPI Acc No: 2003-051837/200305

XRPX Acc No: N03-041136

**Content delivery system has search center which searches content requested by purchaser, conditions about content and price of**

**purchasing content**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002288461	A	20021004	JP 200184745	A	20010323	200305 B

Priority Applications (No Type Date): JP 200184745 A 20010323

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002288461	A		12	G06F-017/60	

Abstract (Basic): JP 2002288461 A

NOVELTY - A search center (9) is interposed between the PC terminal (5) of the purchaser (2) and the terminal of the shop (21) delivering the content. The search center searches the content requested by the purchaser, the conditions about the content and the price of the purchasing content.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for content delivery method.

USE - Content delivery system for downloading content such as music, pictures, game publication, teaching material using internet

ADVANTAGE - Provides satisfactory service to both the purchaser and the content delivery center.

DESCRIPTION OF DRAWING(S) - The figure shows the entire structure of the content delivery system. (Drawing includes non-English language text).

Purchaser (2)  
PC terminal (5)  
Search center (9)  
Shop (21)  
pp; 12 DwgNo 1/7

Title Terms: CONTENT; DELIVER; SYSTEM; SEARCH; SEARCH; CONTENT; REQUEST; PURCHASE; CONDITION; CONTENT; PRICE; PURCHASE; CONTENT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/15 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014821708 \*\*Image available\*\*

WPI Acc No: 2002-642414/200269

XRFX Acc No: N02-507769

Internet based content package order receiving system includes catalog server which transmits received information along with each content package to purchase order terminal

Patent Assignee: NIPPON COLUMBIA KK (NPCO ); DENON CO LTD (NPCO ); HARUNA T (HARU-I); KITA S (KITA-I); SUGIURA G (SUGI-I)

Inventor: HARUNA T; KITA S; SUGIURA G

Number of Countries: 030 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091592	A1	20020711	US 2001947523	A	20010907	200269 B
EP 1223523	A2	20020717	EP 2001307790	A	20010913	200269
JP 2002207905	A	20020726	JP 20012160	A	20010110	200269
KR 2002060562	A	20020718	KR 200160969	A	20010929	200305
TW 518492	A	20030121	TW 2001115421	A	20010626	200356

Priority Applications (No Type Date): JP 20012160 A 20010110

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020091592	A1		19	G06F-017/60	

EP 1223523 A2 E G06F-017/60  
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR  
JP 2002207905 A 15 G06F-017/60  
KR 2002060562 A G06F-017/60  
TW 518492 A G06F-017/60

Abstract (Basic): US 20020091592 A1

NOVELTY - A catalog server (11) receives information about present status of content packages from a database (12) and information about amount of purchase order, estimated selling time and price for each content package, from an order receiving management system (13). The server transmits the received information along with each content package to a user terminal (3) through Internet (4).

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for content package order receiving and production system.

USE - For receiving order for content package such as optical disk storing content such as music, image, game, etc., through Internet

ADVANTAGE - The user can easily obtain the catalog merchandises efficiently sold by the shop thus the sales is increased and the assets are effectively utilized by revival of small rot merchandises and small stock risk.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the content package order receiving system.

User terminal (3)

Internet (4)

Catalog server (11)

Database (12)

Order receiving management system (13)

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Title Terms: BASED; CONTENT; PACKAGE; ORDER; RECEIVE; SYSTEM; CATALOGUE; SERVE; TRANSMIT; RECEIVE; INFORMATION; CONTENT; PACKAGE; PURCHASE; ORDER;

TERMINAL

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/16 (Item 6 from file: 350)  
DIALOG(R)File'350:Derwent WPIX  
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014528990 \*\*Image available\*\*

WPI Acc No: 2002-349693/200238

Internet advertising system using multimedia pos

Patent Assignee: LEE C S (LEEC-I)

Inventor: LEE C S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001107856	A	20011207	KR 200168322	A	20011102	200238 B

Priority Applications (No Type Date): KR 200168322 A 20011102

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

KR 2001107856 A 1 G06F-017/60

Abstract (Basic): KR 2001107856 A

NOVELTY - An Internet advertising system using a multimedia POS is provided to increase advertisement effect and reduce advertisement cost and to simplify contents change process.

DETAILED DESCRIPTION - A multimedia POS apparatus(900) is installed at a member shop, and downloads an advertisement presenting schedule and a moving image file, presents a moving image advertisement, stores advertisement presentation statistical data and



uploads the advertisement presentation statistical data. An application server(300) is connected by the member shop and a sponsor via the Internet network. A database server(100) stores presentation schedule information, sponsor information and member shop information. A FTP server(200) stores an advertisement moving image file. A server data management system(400) is installed at the server and manages data. An advertisement presentation statistics analysis data inquiry system(700) inquires and reads advertisement presentation statistics analysis data at the sponsor's side.

pp; 1 DwgNo 1/10

Title Terms: ADVERTISE; SYSTEM; POS  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

13/5/17 (Item 7 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013989018 \*\*Image available\*\*

WPI Acc No: 2001-473232/200151

Publication agent system and method over internet

Patent Assignee: Y NETCOM CO LTD (YNET-N)

Inventor: JANG Y S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001008362	A	20010205	KR 200070904	A	20001127	200151 B

Priority Applications (No Type Date): KR 200070904 A 20001127

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001008362	A		1 G06F-017/60	

Abstract (Basic): KR 2001008362 A

NOVELTY - A publication agent system and method over the internet is provided for a publication requester to complete a final edited version of the publication and designate a publication type over the internet.

DETAILED DESCRIPTION - A publication agent system(10) comprises a plurality of author terminals (30), a plurality of editor terminals (40) and the internet (20). The author can access a database, edit or modify edited authoring work or confirm the final version of the authoring work via the author terminals (30) over the internet (20). The publication agent system(10) includes a network controller(11), a server(12) and an IO device(13). The server(12) includes a service controller(121), a database(122), a web page data storage (123), a password generator(125), an image data storage (126) and a publication cost calculator(127). The database(122) can be classified into an author information database, an editor information database, a document information database and a cooperated company profile database. The database(122) can be constructed over a specific file server.

pp; 1 DwgNo 1/10

Title Terms: PUBLICATION; AGENT; SYSTEM; METHOD  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI